FORESTRY

APR 21 1945

American Lumberman

THE NATION'S AUTHORITY ON LUMBER AND BUILDING MATERIALS

1945

Reference and Directory Number

A GUIDE TO POSTWAR ACTION

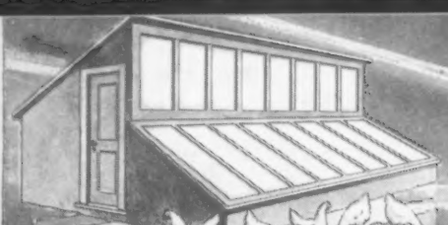
APRIL 14, 1945

Warp's WINDOW MATERIALS

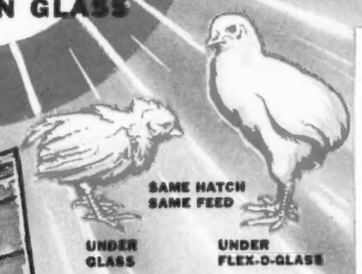
Let Thru ULTRA VIOLET LIGHT

The Sunshine Vitamin "D" Rays

KEEP IN HEAT
KEEP OUT COLD
BETTER THAN GLASS



Poultry House Windows

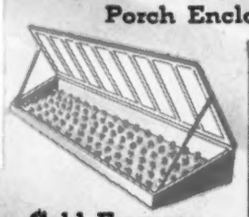


Poultry House Windows	Porch Enclosures
Brooder House Fronts	Storm Windows
Hot Beds	Storm Doors
Cold Frames	Barn Windows
Rabbit Hutches	Sky Lights
Greenhouses	Factory Windows Office Partitions To Diffuse Light

It Pays TO HANDLE *Warp's* COMPLETE LINE OF WINDOW MATERIALS

Every product, leader in its class. Backed by 20 years of experience, and produced almost entirely under exclusive patents (granted or pending). Nothing can take the place of YEARS of product-proving in actual use, and constant research and experiment to improve quality. Only Warp's Window Materials offer you all this. **Carry the full line**—so if temporarily out of one you can satisfy your customers with another one of Warp's products and always make the sale.

Porch Enclosures



Cold Frames
Hot Beds

Storm Doors & Windows

50% MARK UP — Dealer's Cost 23½¢ PER SQ. YD. — Retail Price 35¢ PER SQ. YD.

FLEX-O-GLASS

Guaranteed 2 Full Years

Lets Thru More Healthful Ultra-Violet Rays than other glass substitutes, as proved in various authentic tests, and holds in heat better than glass. **Absolutely Waterproof — Unbreakable.** 124 strong, pre-shrunk threads per square inch. Impregnated with extra high M. P. Composition that will not run, discolor or melt in a window. **Extra Heavy—Extra Durable.**

50% MARK UP — Dealer's Cost 54¢ PER SQ. YD. — Retail Price 81¢ PER SQ. YD.

WYR-O-GLASS

Galvanized Wire Base

Tough galvanized ¼ inch mesh wire base drawn thin to admit more light. **Every Joint and Wire Imbedded** in a cushion plastic.
Plastic Glass applied to both sides, sealing everything into one solid weatherproof sheet. No air pockets to trap moisture.
Very Transparent — Extra high in Ultra-Violet Ray transmission. Good insulator.

50% MARK UP — Dealer's Cost 38¢ PER SQ. YD. — Retail Price 57¢ PER SQ. YD.

GLASS-O-NET

Mesh Base Glass Substitute

Plastic Glass Covered Netting Made on ¼ inch mesh Waterproofed Cords. Extra strong. Dyed light fast green.
Every Cord Imbedded in Cushion Plastic to avoid weakening air pockets and moisture. **Plastic Glass Applied over Cushion and Cords** seal everything into one solid sheet.
Very Transparent, High Ultra Violet Ray transmission—washable. No cheap rosin, glue or paste to decompose.

50% MARK UP — Dealer's Cost 11¢ PER SQ. FT. — Retail Price 16½¢ PER SQ. FT.

SCREEN-GLASS

Galvanized Screen Base

Fine Mesh Galvanized Wire Base, dipped in a transparent pliable plastic, then laminations applied to both sides. **Tough, Durable, Layer-Built Plastic Coating** to make it last longer. **Pliable and Transparent.**

Lets through Sun's Ultra-Violet rays. Holds in heat better than glass.

50% MARK UP — Dealer's Cost 18¢ PER SQ. YD. — Retail Price 27¢ PER SQ. YD.

WINDOW FABRIC

Biggest Seller In the Low Price Field

Over 80 threads per sq. in. Impregnated with light stable, high melting point wax. Lets through Sun's Ultra-Violet rays. Holds in heat better than glass. Ordinarily lasts one season.

50% MARK UP — Dealer's Cost 27¢ PER SQ. YD. — Retail Price 40¢ PER SQ. YD.

RED VIO-TEX

Admits Ultra-Violet Rays to Help Mature Chicks Faster—Makes Red Objects Appear Colorless to **stop cannibalism.** Just 2 or 3 chic[illegible] saved pays for this NEW Scientific [illegible]l-purpose material.

Warp's Window Materials are Distributed by Reliable Jobbers Everywhere (Not sold by Mail Order Houses)

Manufactured by FLEX-O-GLASS MFG. CO. (Warp Bros.) 1104-6-8 N. Cicero Ave. Chicago, Ill.

Warp's Window Materials are Distributed by Reliable Jobbers Everywhere (Not sold by Mail Order Houses)
Manufactured by FLEX-O-GLASS MFG. CO. (Warp Bros.) 1104-6-8 N. Green Ave., Chicago III

American Lumberman

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HIGHLIGHTS of the Issue

"Sorry, but we can't fill your order right now." Does that phrase sound familiar? It should because you've heard it—and used it—many times during these past few years. Almost every business man reading this publication has had to tell some of his best friends and prospective customers he was sorry but he could not fill an order right now because of his inability to obtain the necessary material.

AMERICAN LUMBERMAN, like other leading business papers, is also faced with difficulties. It cannot obtain all the paper needed to serve readers and advertisers to the extent it would like.

There are many organizations that would have liked to advertise in this number. We hope their disappointment will be moderated by appreciation of the fact that we have to stay within our paper quota—which means operating with a paper supply 25 percent below our consumption in 1942, the base period.

We are not complaining. Other publishers, too, are struggling to take care of readers and advertisers—doing the best they can under the circumstances.

Naturally, our first thought is to take care of present readers. We are making a determined effort not only to increase the usefulness of AMERICAN LUMBERMAN to its old friends but also to fill, so far as possible, the continual flow of new subscriptions coming from dealers who are on the alert for future business opportunities.

▶ We suggest that you read the editorial before you read the other articles in this issue. Titled "Probing the Future with Lumber and Building Material Dealers", it is really a guide to the entire issue. By reading it first you'll be prepared to get the most of what this Reference Number has to offer. See page 123.

▶ The dealer's three basic problems can be described briefly as products, plant and personnel. He must tackle and solve them logically and systematically if his planning is to accomplish the desired results. On page 125 you'll find "A Guide to Postwar Action." This article defines these problems, offers suggestions the dealer can adapt in solving them.

▶ Modernization of lumber yards and stores is a live subject, and if the editor's mail is any criterion, we'd say that fully 90 percent of building material dealers are planning to remodel their sales premises at war's end. Most interest seems to center in the salesroom rather than in the yard itself. Accordingly, we've gathered facts and opinions from store design experts all over the country, supplemented them with dozens of photographs and drawings illustrating the trends—and hope that these will stimulate our readers' thinking and get them started on their own modernization plans. This material starts on page 132.

▶ "A Guide to the Postwar Home", starting on page 162, offers a preview of probabilities concerning house design in the early postwar years. You'll find nothing "miraculous" or radical here—merely an extension of trends that were evident before the war.

▶ You'll find a wealth of information in the directories which are a feature of this Reference Number—stuff that you can use every day in the coming year. Wholesalers of lumber, woodwork and building materials are listed. There's a list which tells you who manufactures the various species of lumber. And the big "Building Products and Equipment Directory" starts on page 229. It will pay you to form the habit of using it regularly.

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DOUGLAS FIR PLYWOOD
LARGE. LIGHT. STRONG.
Real Wood PANELS

Famous Insignia utilizing Douglas

Since 1934, Douglas fir plywood has been used in building or re-building more than 35,000 railroad cars—reefers, box cars, camp cars, automobile cars, stock cars, work cars, mail cars, baggage cars, cabooses and passenger cars. Because of its large panel size, lightness and strength, plywood has made possible tighter, more rigid, more durable construction—for exterior siding, ceil-

$OO LINE

UNION PACIFIC

S

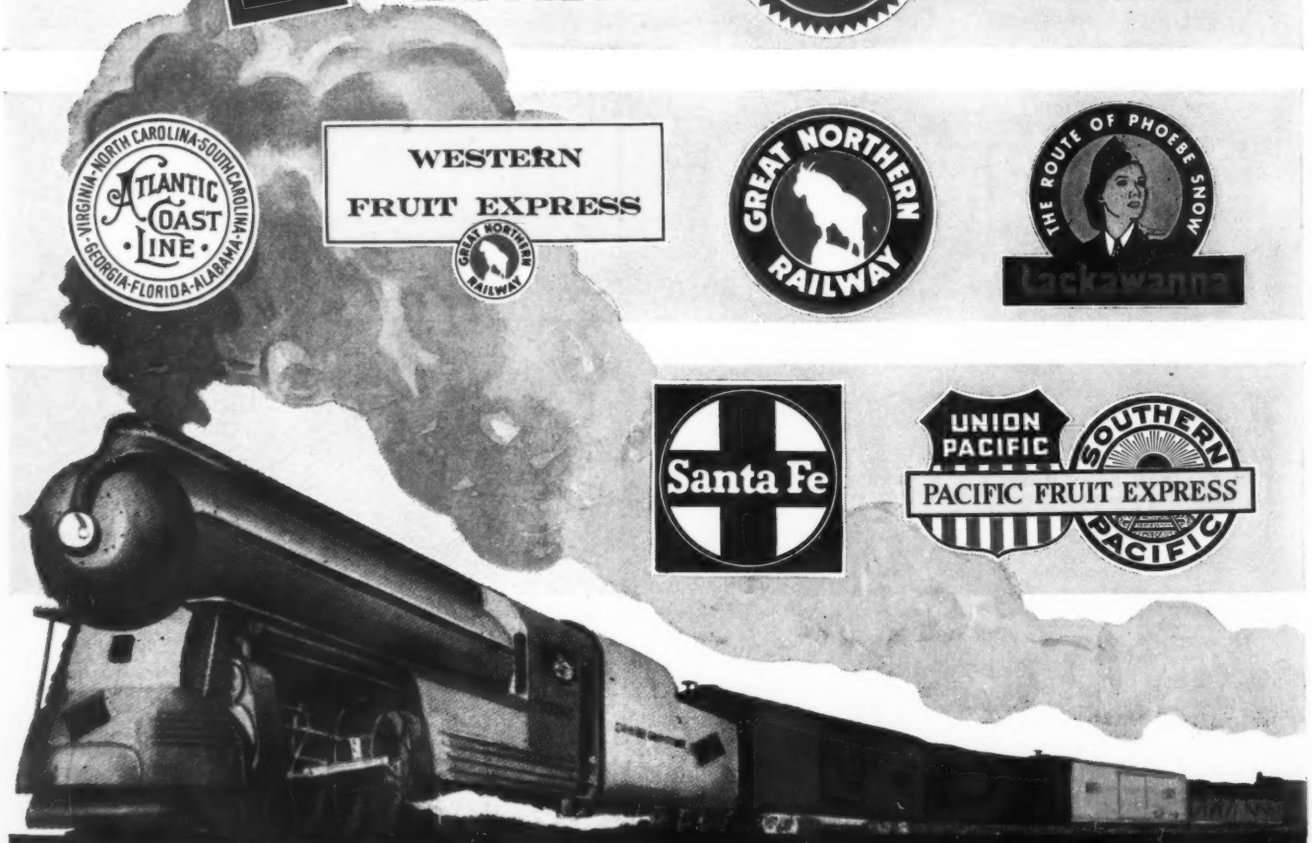
BURLINGTON REFRIGERATOR EXPRESS CO.

Burlington Route

ST. LOUIS REFRIGERATOR CAR COMPANY

MISSOURI PACIFIC LINES

NORTH SHORE LINE



DOUGLAS FIR PLYWOOD ASSOCIATION, Tacoma 2, Washington

EDITORIAL

Probing the Future with Lumber and Building Material Dealers

With the United Nations nearing ultimate victory in Europe and the war with Japan proceeding ahead of schedule, the editors of AMERICAN LUMBERMAN feel it is not sacrilegious or unpatriotic to start thinking and planning for the gradual rebuilding of our civilian economy and free enterprise system. Although there is universal agreement in the industry that war needs come first, much attention is being focused on the future of the nation's retail lumber and building material dealers.

This Reference Number of AMERICAN LUMBERMAN has been published in an attempt to define and clarify future problems of the dealer and to suggest solutions. No attempt has been made to present an arbitrary set of rules—or to impose a standard pattern of operation on the retail phase of the industry. This is a big and varied industry. There are many ways for a dealer to operate his business.

In this issue the editors have attempted to present a series of articles and pictures that should stimulate the dealer's own mental processes. The entire presentation should be considered as a check list or source book of ideas to guide the reader in formulating his postwar merchandising plans. A systematic pattern of presentation has been carried out, and it is suggested that readers start at the beginning of the section titled "A Guide to Postwar Action" and follow through rather than skip around the magazine as fancy dictates.

Postwar planning for the building material dealer resolves itself into three important divisions: Products, plant and personnel. By reading straight through from first to last, the dealer will receive concise coverage of these problems in a logical, step-by-step presentation.

Unusual emphasis has been given the store modernization section, because the editors discern a strong trend towards more up-to-date merchandising methods on the part of lumber dealers. Some of the suggestions may seem extreme as compared to the conventional lumber yard, but we believe the successful building material retailer of the future will have a sales outlet which will be the home and building service headquarters of the community. The addition of many new lines, plus more package sales of service and material, dictates that dealers equip themselves with the proper plant and personnel to handle that type of business.

No attempt has been made to discuss design of the yard, sheds or storage facilities. It's an important subject, but by-and-large dealers are more up-to-date in these departments than in their sales rooms. The store modernization suggestions in this issue have been gathered from numerous leading authorities of the nation. Many of the layouts presented are already in use or planned for use by some of the nation's lumber dealers.

There is another important thought which retail building material dealers should keep in mind in connection with store modernization. If they are to maintain a position as recognized authorities on the latest in building design and materials, they should be there first with the best in their own communities. By doing a top-notch job on his own sales premises, a lumber dealer may start a cycle of business front and store interior changes which will not only brighten up the entire main business section of his community, but may even draw more business from a wider area because of the better presentation and display of merchandise, not to mention the sales volume to be garnered from such a development. Many of the ideas and plans suggested in this issue can be utilized by dealers in suggesting modernization for all sorts of retail outlets in their communities. They are adaptable to a wide range of applications.

We firmly believe that between the covers of this 1945 Reference and Directory Number dealers will find a wealth of information that can be used by them now and in the future. A section titled "A Guide to the Postwar Home" brings the reader a preview of probabilities in the home construction field. Many photographs and floor plans of attractive, low-cost homes are shown. Most dealers expect a big share of their postwar business to come from selling and building homes. This material should be of considerable help to them.

A section on modern lumber machinery has been prepared for the interest of the entire industry.

The Products Directory with its detailed listings of services and products, many of them available now and all of them to be available eventually, can be of great assistance to the dealer in planning future operations and locating sources of supply.

"Careful Buying is My No. 1 Postwar Plan

AS I SEE IT, the public is going to scramble for building products when L-41 is liberalized.

But they are going to expect good products! And I'm not forgetting it!

I've spent a good many years in building up my reputation in my community. To keep my business going I know I must have satisfied customers.

So for old products and new, I'm going to rely upon my old manufacturer-friends, the fellows with the tested and proved products who have served me well and played fair with me in the past.

Second, when the first rush is over, I know I am going to need a lot of help. So I won't put all my eggs in one basket. I'm going to leave myself free to do a good job in representing the leading manufacturer of each specialized product.

I figure I'll get better merchandise and more co-operation that way than in tying myself up with just a few manufacturers.

And last, I'm going to pick the products that are nationally advertised because they sell easier and faster."

* * *

That is the way a good many successful lumber dealers are talking to us these days. Their reasoning makes such good sense, we wanted to pass it on to you. The Upson Company, Lockport, N. Y.

The permanent solution to cracked plaster is Upson Panels. One *home owner in every* four *says cracked plaster needs attention, according to the Reader-Consumer Panel of The American Home Magazine.*

Upson Quality Products Are Easily Identified By The Famous Blue-Center

UPSON

PACEMAKER IN CRACKPROOF PANELS

A Guide TO POSTWAR ACTION

The lumber and building material dealer can fashion a workable merchandising program when he has solved the three basic problems of products, plant and personnel

VOLUMES HAVE BEEN written concerning the ever-popular topic of lumber yard planning and operation. A number of ambitious individuals at various times have determined they would reform the lumber and building material merchandising business overnight and "bring it up to date". In spite of all the warnings, speech making, writing and planning, retail lumber and building material stores have followed the conservative, evolutionary pattern of change, rather than anything revolutionary.

The average retail lumber and building material store of today is not much different in exterior appearance from the lumber yard of 25 years ago. The lumber sheds appear to be about the same as they have been for many years and the lumber is still piled in the sheds in pretty much the same manner. But the interior of the office and sales room is much different in most yards today than it was a few years ago. The "building material warehouse" is much different inside and in some yards is an entirely new addition to the other structures previously considered adequate for operation of a retail lumber yard. More and more building material lines that were not even on the market 25 years ago have been added to retail lumber yards until now it can be said that most of the nation's lumber yards are "building material stores". Instead of concentrating sales effort on one major line—lumber, with a few "sidelines"—retailers now concentrate sales on many lines. In the competitive era ahead that will call for merchandising —not order taking.

There has never been a standard, overall pattern of operation to satisfy the requirements and responsibilities of all retail lumber and building material dealers. There are too many factors that vary from community to community and from section to section to permit any standardization of retail store operation. So far as can be determined now there is nothing in the postwar or future picture to indicate the possibility of a standard pattern of operation for all retailers. Therefore each individual dealer must decide just what the potentialities for improvement and expansion in merchandise, services and personnel are for his particular community or trading area.

Since there is a very marked trend at this time toward streamlining and expansion of services by retail stores, let's list a few of the points that must be considered by dealers in any program to fit into the new trend in lumber and building material merchandis-

One of the questions discussed in this article concerns the extent to which a retailer should enter the contracting business. Should he buy parcels of land, subdivide and build homes for sale with his own crews or should he adopt one of the other alternatives discussed here. Regardless of what decision the dealer may make, it is paramount that he set himself up as information and sales headquarters for everything that can appropriately be handled in a lumber yard and that goes into the construction of a home.

ing. The problem resolves itself into three main divisions as follows:

1. Products and services to be offered, both to the public and to the building trade.

2. Storage and sales room facilities needed to house and merchandise the products and services chosen for the market.

3. The selection and training of personnel needed for most efficient and profitable operation.

Briefly, these three points can be summarized for future planning purposes as products, plant and personnel. They should be considered in the order named. It is obvious that a dealer must first decide on what products he plans to merchandise before he can plan his building or his personnel setup.

Appraising the Market

Before a dealer can come to a definite decision as to what products he will merchandise, he must complete some sort of a market survey. Where a dealer has been in a community for a number of years he probably already has in mind the types of material he can profitably stock and merchandise in his lumber yard. At the risk of repetition for some but for the needs of those who have never really made a comprehensive study of the possibilities of their markets, a brief review of market survey procedure is in order.

This market study can and should be handled by the dealer himself. No specialized knowledge of market survey procedure is needed because if most dealers sit down and proceed to analyze their markets, they will find they have already unknowingly pretty well surveyed the situation and have been using the knowledge in their day-to-day operation. The information has been acquired during the years they have been running their businesses.

The following outline of procedure is suggested as a guide to market study. All of the suggestions may not apply to all dealers, but most of them probably can be used, at least in part.

1. Determine the geographical limits of the trade area to be served. How far and from what communities can business be expected to come to the yard. At the same time it is well to appraise carefully all building products and services now being made available in the community together with an analysis of potential community building needs and long range community development.

2. Classify established and potential sales according to urban residential, commercial, industrial and farm building. This suggestion applies to the small town dealer as well as the dealer in larger metropolitan areas. Determine what type or types of business you prefer to cultivate. Some of the factors needed as a basis for deciding what kind of business to cultivate can be determined by the following procedure:

(a) Check with all available sources —contractors, realtors, chambers of commerce, bankers and industrial leaders, service clubs and others—to secure authentic estimates of probable increased housing and remodeling needs. Determine whether there is to be a population increase in your trade area and if possible the probable extent of such increase.

(b) A street-by-street survey can be made in the trading area to determine potential repair and maintenance needs on existing homes. Paint jobs, roofing jobs, private garage needs and other outside repairs can be determined quite accurately in this manner. In farming areas a few drives through the trading area in a systematic manner covering all roads will provide this information on farmsteads. If time and facilities are available, inside repair and maintenance needs can be determined to a fair degree of accuracy, but this should be done in a diplomatic manner. Types of individuals to be dealt with and the communities concerned deter-

Name of Owner _____ Date _____
Address _____
Size of Farm _____
Renters _____
Address _____

If customer, how long _____
New House ☐ Size _____
New Barn ☐ Size _____
New Silo ☐ Size _____
New Farm Building ☐ Kind _____ Size _____
New Roof ☐ Kind _____ Size _____
Who Will Do Work. {Contractor / Owner}
Name _____

Largest Sale _____ Last Sale _____
Remodel—House ☐
Remodel—Barn ☐
Remodel—Farm Building ☐
Insulation ☐
Kind Preferred _____
Paint ☐ Kind of Bldg. _____
Est. of Quantity Needed _____
St. Sash ☐ Screens ☐
Number _____ Number _____

The use of a 3x5 index card, printed on both sides similar to the one shown here, filled out with the information requested on each prospect, can be an invaluable aid to a retailer in appraising the market in his trading area. This particular card is being used by a progressive, merchandise-minded retailer catering primarily to farm trade. The same sort of information, however, can be assembled on a card for urban home and industrial maintenance and remodeling. It is suggested these cards be filed according to the type of work and materials needed, rather than alphabetically as to individuals.

Detail of Work Needed. (Give all information you can.)	Letters	Date
	Literature	Date
	Credit Rating	

mine procedure in getting this information.

(c) In any community, commercial and industrial remodeling, repair and maintenance needs can be determined by visiting stores, offices and industrial plants. A visit with the owners or operators of such institutions may result in tips as to future plans for building or remodeling.

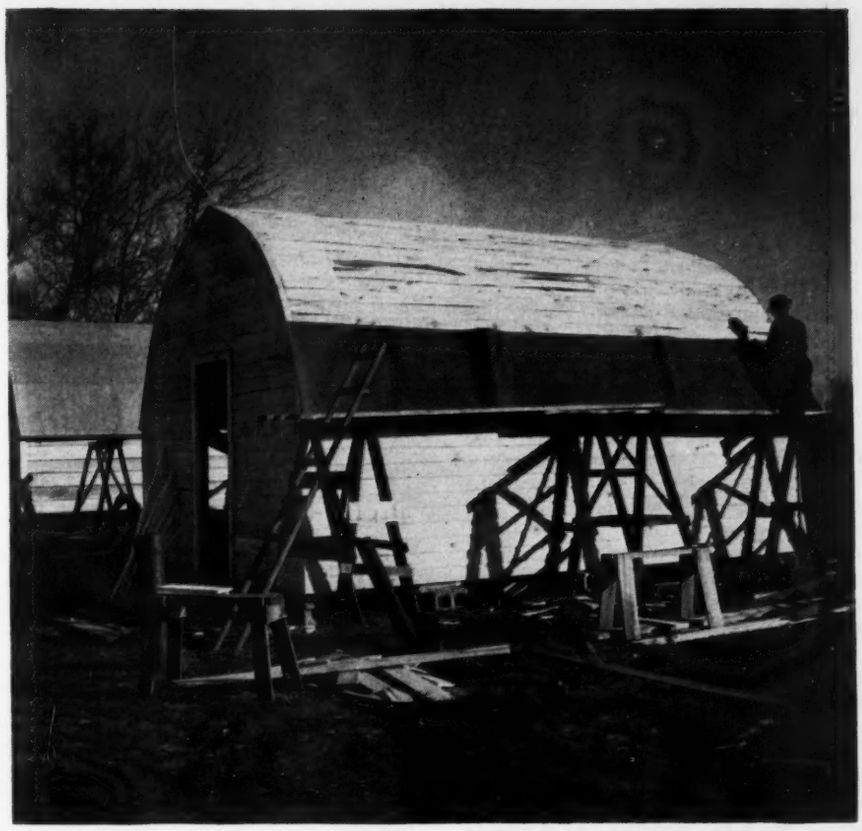
Consider a Woodworking Shop

No dealer should overlook the very profitable possibilities of having a light woodworking and fabricating plant in connection with his lumber yard. Many dealers, especially in smaller communities, have found such installations to be lifesavers during wartime shortages of material and manpower. The prefabrication of small farm structures, garages and other items utilizing surplus time of yard men and odds and ends in lumber stock should never be neglected as a potential income producer. Where there are industrial plants to be serviced, a small woodworking and fabricating plant can be used to supply boxing and crating as well as to satisfy the maintenance and repair needs of such institutions. In making any market appraisal, these possibilities should be carefully evaluated.

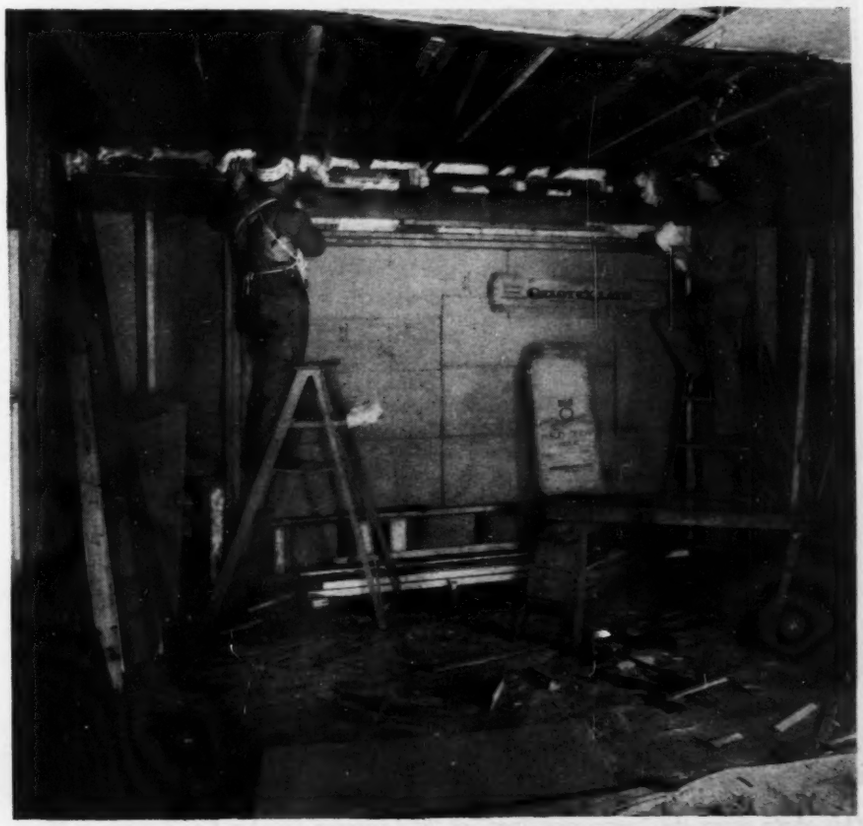
Tabulate the Information

As the above information is accumulated it should be kept in carefully tabulated form on cards or blanks. If a complete, detailed job is desired each individual potential job could be listed somewhat according to the suggested card presented in connection with this article. By taking each individual job, entering it on a larger sheet and totaling the potential needs of the trading area, a comprehensive picture of the market is available to the dealer. This would give him the factors on which to base a decision as to future expansion in his merchandising program—whether it would mean rebuilding or remodeling the lumber yard or adding to or subtracting from the lines now being carried.

Supplementary to the above trade area survey, but nevertheless important in any determination of future addition or subtraction of building material lines, is a careful appraisal of all the building materials used in the building and maintenance of homes in the community to be served, and the percentages of such materials used in each completed structure. A chart prepared by one dealer in a typical community in the Middle west is presented on these pages. A similar tabulation of needs for farming and industrial building materials might also be prepared as a guide to stocks of merchandise to be carried.



There are many varied predictions on the postwar volume of farm building, but the farm market for building material dealers should never be underrated and each individual dealer in his own trading area should know at the present time pretty well what the potentials are for future business.

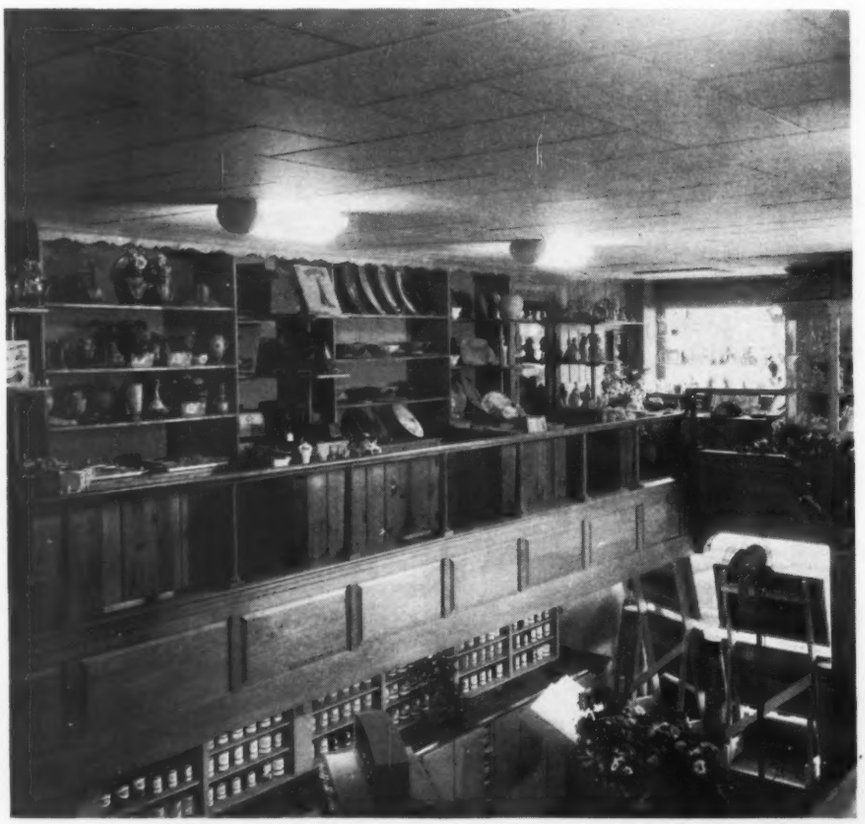


Good salesmanship in the future will sell many interior home remodeling and insulation jobs in neighborhoods dominated by older houses. With savings accounts bulging, many homeowners will talk business now and be ready to proceed as soon as materials and labor are available.

Products

WHEN THE NEEDS of the community have been determined and the dealer has decided as to about the percentage of such business he can reasonably expect to sell plus a careful appraisal of the types and quantities of building materials that might be needed to complete such jobs, he is ready to determine what lines to stock and what percentage of each type to keep in stock. It is taken for granted that any dealer, in arriving at a decision on each particular type of building material to stock, will have previously ascertained what other services are being offered in the community on such building materials. He must consider his business in its proper relation to other retail outlets in the community which stock competitive lines and the service they can render as compared with his services. The pages of this publication have been telling for many months of retail building material dealers who realized the need for more adequate and comprehensive lines of merchandise to adequately service their communities so that they have indeed made their stores the home building and servicing headquarters of their communities. Such lines as plumbing, heating and appliances, not to mention builders' hardware, have been going into building material stores throughout the nation in communities where there are possibilities for further cultivation of such lines, previously brought in from other trade areas or inadequately provided in the community concerned.

As every retail lumber dealer knows, the building business is highly seasonal. Certain communities offer opportunities for development of off-season business in the building material store and every dealer should study this angle very carefully. A number of progressive retailers in the nation have successfully solved this problem by aggressively pushing the merchandise and services they offer which can be sold during off-season periods. The American Lumberman does not advocate that building material dealers make dime stores or variety stores out of their lumber yards. But there are some lines that fit admirably into off-season promotion that logically belong in the building material store. Several instances of this have been called to the attention of our readers in past months. One dealer, in a midwestern community, has developed a reputation for offering fine Christmas gift possibilities for the home in his lumber store. Aggressive merchandising of additions to the interior of the home in the form of millwork, cabinets, shelving, etc., as Christmas gifts can pay out well during that wintertime lull. Some dealers have even gone so far as to go into the sale of certain types of toys as a stimulant to slow winter sales months.



This photo shows the "mezzanine floor" of the Lawrence Lumber Co., Lawrence, Mass. A stock of knick-knacks and gifts of especial interest to women shoppers bring them through the main store regularly and boosts off season sales. Women who frequent this gift shop feel perfectly at home in this building material store and think of it first in connection with their home maintenance and equipment needs.

Services to Go with Sales

An increasingly important phase of retail building material store operation concerns the services to be offered in connection with sale of materials. Previous to the war, there was a strong trend on the part of dealers in many sections of the nation to offer complete, package selling of materials and service on the materials. Instead of selling the customer enough roofing for his home and forgetting about it from then on, the dealer would sell the consumer the complete job, installed by his own contractor or by men of his own organization. The American Lumberman believes this trend will continue and that more and more dealers will be selling complete jobs, rather than just the materials to go into the job. In that way, dealers not only make a profit on the material sold, but they also make a profit on the labor involved. In addition, they can then be assured that whatever material is sold to the consumer for installation will be so applied or installed that it will give maximum satisfaction, reducing complaints on material due to faulty installation.

Any survey of potential business possibilities in the community should, therefore, include assembling of data on which to base a decision on the following points. The dealer should know whether he wants to do the following things:

1. Act as a sales headquarters for all building materials and household equipment, and select or suggest contractors to do the installing.
2. Offer complete architectural and construction service for homes, farm buildings and other structures, and contract directly with the consumer. He could either:
   (a) Do the work with the dealer's own crews; or
   (b) Subcontract all work to independent contractors.
3. Maintain no construction crews, but keep a force of carpenters, painters and general building mechanics on the staff for direct contracting of all maintenance and repair work, reroofing and insulation.
4. Buy parcels of land, subdivide them and build homes for sale, using either his own contracting crews or subcontracting work to independent contractors.

Naturally, as was stated earlier in this article, there can be no standard pattern to recommend on such operations. The pertinent factors in each individual community cannot be ignored in any decision on the above points.

Plant

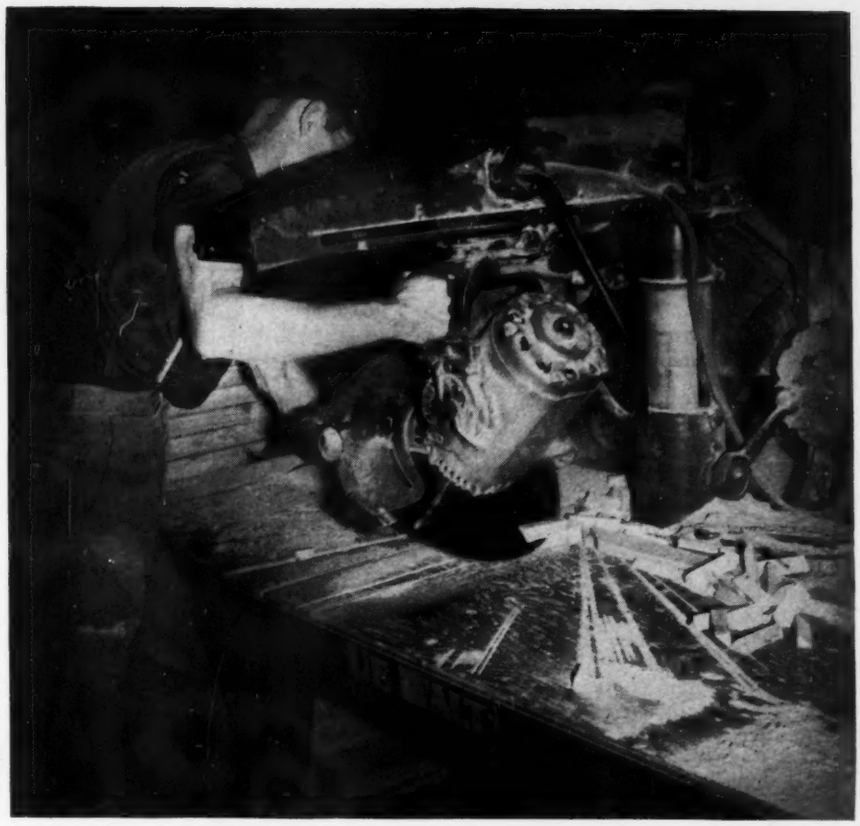
NOW THAT THE TYPES of building materials to be stocked and the services to be rendered have been determined, a careful appraisal of the plant needed to adequately handle the business must be made—storage and sales room facilities. Lumber yards will not all become building material stores and sales rooms overnight, but there has been a marked trend during the last few years toward the store-type of sales room. Merchandise displays and bins to stimulate over-the-counter sales are becoming more and more frequent, especially in the larger centers, so the question of sales room design is of prime importance. It is recommended that if the dealer plans to develop a volume cash sales business, that he redesign his store to:

1. Display as much merchandise as possible to the passerby.

2. Arrange it and maintain it to attract pedestrian and automobile trade.

3. Make it as simple as possible for customers to find and buy what attracts them. This infers there will be personnel to promptly and politely service customers on the floor.

The first requisite for adequate display is large window space. The purpose of large windows will be defeated if they are backed with either shallow or deep bulkheads upon which high displays are set or built. The window area should be kept clear for a view to the rear of the store from the street.



Every dealer should consider the possibilities in a woodworking shop equipped with power saws and other machinery. Many odds and ends of scrap lumber can be used to manufacture salable items for the home, lawn and farm. Precutting services will speed home construction.

Don't forget the contractors. The modern retail store is designed to appeal to consumers, but there should be an office or conference nook for contractors and industrial buyers. A special entrance so these men won't have to go through the main sales room is desirable.

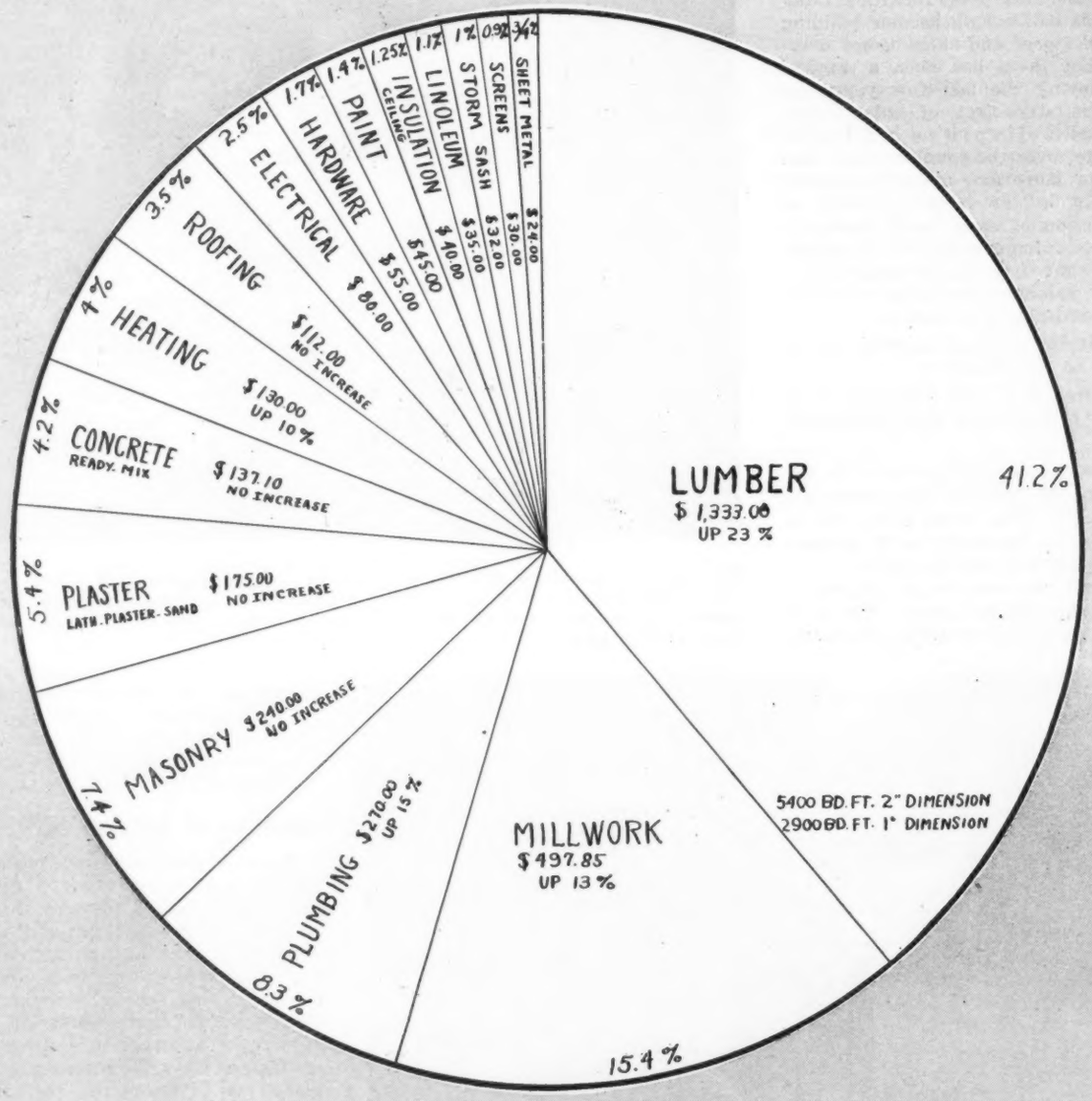
Location of Building

A second requisite is adequate lighting of a kind designed to give the night pedestrian a view of the items offered. It has been argued, and on good basis, that such a store will pay best when it is located on a downtown street or close enough to the downtown area so that pedestrian traffic is heavy. The experience of a number of dealers whose locations are in the traditional "down by the tracks" neighborhood belies that argument. Nevertheless, a good location on a busy street is of immeasurable value in properly capitalizing on such a store. Building material manufacturers and lighting equipment firms have a wealth of information and material to assist the dealer in converting his sales premises into highly attractive customer-pulling stores.

In connection with the remodeling or conversion of an old-style lumber yard into a modern store, it should not be overlooked by the dealer who has an important, profitable contractor trade, that the store in itself might serve to repel contractors, carpenters and mechanics. It is suggested that in such cases a contractors' room or estimating room be provided for the ex-

Materials Used in House Construction

This circle graph shows the costs of building materials used in a typical four room frame house and garage built according to FHA specifications. It was prepared from the records of Barker-Goldman-Lubin Co., Springfield, Ill., in October, 1944, and is based on OPA ceiling prices as of that date. Total cost of the house was $5350 exclusive of land. Eliminating labor costs the bill for materials alone was $3235, divided as shown here. . . Prices marked "up" show the percentage increase over 1941-42 prices.



Materials Stocked By Your Company

How do the products you sell compare with actual construction needs? If you normally stock a complete selection of the following lines write 100% in the blank provided. If you carry only half of a full line write in 50%. Make sure you're not overlooking any possibilities for profitable postwar sales.

Lumber	**Plaster**	**Electrical**	**Linoleum** .....
Millwork	**Concrete**	**Hardware**	**Storm Sash** .....
Plumbing	**Heating**	**Paint**	**Screens** .....
Masonry	**Roofing**	**Insulation**	**Sheet Metal** ....

clusive use of these customers. The entrance to this room should not take the contractor or mechanic through the main store and display room.

The best merchandise displayed in the most attractive manner is not in itself enough to create sales. A comprehensive advertising and merchandising program should be outlined, tailored to fit the community to be served—and then strictly adhered to. Newspaper advertising and publicity, plus whatever direct mail is deemed advisable, properly planned and exercised will do much to assure the success of the carefully planned and stocked building material store. Lack of planning and coordination in advertising may ruin it.

Personnel

THERE IS STILL another—and very important—pillar on which successful merchandising rests. That is intelligent selection and training of personnel. This problem permeates the entire organization and is so important that a special series of articles on the subject is being planned for future issues of American Lumberman. A few pertinent points that should always be observed, however, are not out of order here.

The old method of hoping that a bookkeeper or a yardman might, by lifting himself by his own bootstraps, develop into a salesman has not been enough for many years, and will be found to be a definite and measurable handicap in doing business in the postwar years. Salesmen should be chosen from applicants because they indicate by measuring rods that can be applied they have sales ability. Too often in the past, all new help was put to work in the lumber yard piling lumber because that was the traditional way of starting in the retail lumber business. The fact that a man can pile lumber properly is no indication of his sales ability. That he cannot pile lumber, or does not want to, is likewise no indication that he is not an excellent salesman.

Define Each Job to Be Done

The first move in determining what personnel is required to move the materials from the sales room to the consumer is a careful study of what work is to be done, and how you, the dealer, want it done. That means all of the jobs to be filled must be defined, and the duties of all who fill these jobs must be defined.

Assignments of duties should be made so there is no overlapping in duties or authority, from the office boy on up to the general manager. Courtesy and politeness, plus neatness in appearance should be evident for the truck driver delivering coal and building materials as well as for the office force. In the office and on the sales floor, the employees should be so situated and the work they are to do so assigned that a woman buying a 59-cent can of paint will not force a homeowner or a commercial building owner to cool his heels while waiting to purchase several hundred dollars worth of merchandise. "Beware the fury of a patient man."

It is assumed the building material stores being installed by dealers are designed to attract women and that they will at all times be maintained so that any housewife in the store would feel as perfectly at ease as she would in any of her favorite stores on the main stem. In some instances it might be advisable to consider the addition of a woman or two to the sales staff in the larger building material store who could talk a woman's language to such customers.

There will be sharp competition for the cream of the servicemen crop at the close of the war. The men who return have been subjected to the most rigorous training ever given so large a group. Many of them have seen the training pay off in life on the battle fronts. Experience of many employers who have already employed discharged servicemen indicate the returning veteran will not be satisfied with just a job in which he will be allowed to work out his own salvation. The best of them will have to be convinced that the company with whom they accept employment has a policy, a plan for development, and a training program through which the serviceman can be helped to learn more about the business, increase his utility to it, and, as a result, have an opportunity to increase his earnings. Retail lumbermen have as great a need for competent operation and sales personnel as any other type of business men, and will need to be alert to the demands made on them by the most promising of the returning veterans.

Future retail building material store planning need not, in general, anticipate any radical departure from operational procedure as the trade knew it before the war. It does need, however, to anticipate the need for stronger competition. To meet that need, a complete plan is necessary. It must be a plan definite enough to be workable and flexible enough to meet conditions that cannot be anticipated.

It goes without saying that every retail lumber and building material dealer should adopt the policy that if anything is sold in his community in the line of homes or materials and equipment for homes, he should sell it—first and best—if it can at all be appropriately handled in a lumber yard. It follows that the best selling can be done in a plant designed for selling—and with an organization built to bring the business to your yard—a carefully selected, efficiently integrated staff of intelligent employees, each of whom knows his job and its relation to other jobs, and each of whom is continuously made conscious of the fact he is being encouraged in every way to improve his utility in order to merit higher earnings.

Prompt service, courtesy and politeness plus neatness in appearance on the part of all yard employees will pay dividends in repeat business. The man who buys a pint of varnish today may be the man who will build a new home next year.

Specially designed for AMERICAN LUMBERMAN readers, this store front combines simplicity and modernity with many traffic building features of proven merit. This type of establishment is recommended to dealers who operate stores in the "downtown" section of either large or small cities. It is equally suitable, however, for populous neighborhood shopping centers—or any place where consumers congregate and pedestrian traffic is heavy. The glass doors and large windows afford an unbroken view of the entire sales floor. The windows, slanting towards the door, have a natural tendency to pull shoppers into the store. The bold block letters can be illuminated from behind to create an attention-compelling sign, revealing at a glance the kind of merchandise for sale. The upper sign identifies the store to people up and down the street. The red indicates placement of neon tubes, which can be set to flash.

A Guide TO STORE MODERNIZATION

The lumber and building material dealer can operate successfully in a modest salesroom — or a super store. It all depends on the type of business he is seeking.

A WAVE OF STORE planning and designing is sweeping the nation today. Retailers in all lines have been seized with "modernization fervor", and the lumber and building material dealers are no exception. Merchants are eyeing their stores critically, planing extensive remodeling jobs. Some are planning to put up new buildings.

The fervor has extended from the big cities to the towns, hamlets and crossroads of America. It has affected druggists, grocers, furniture and hardware dealers, electrical dealers and retail lumbermen. Many of them have actually prepared plans and intend to start modernizing as soon as materials and labor are available.

This activity is a healthy sign. It heralds the approach of a better and more prosperous era with consumer merchandise once again plentiful. It presages the development of better retail stores with greater customer appeal—and therefore with greater ability to sell goods and earn profits for the merchant.

Many dealers, however, are liable to go off the deep end in their modernization plans. Letting individualistic preferences be the sole guide, they will grope blindly in the dark toward an unsatisfactory solution. They will spend too much, or too little, and end up with a remodeled store which may be prettier than it was before but no more satisfactory as a place to sell merchandise.

Sales Are the Test

After all, it's not what the dealer thinks of his store that counts—it's what the customers think of it. If they like to shop there, they'll buy there. The only yardstick by which we can measure the success of a store design is its ability to sell merchandise and keep the cash register ringing a merry tune.

Stores have been aptly described as "machines for selling", and that's exactly what they are—or should be. Just as one cannot design a machine until he knows what it will be used for, so he cannot design a store until he knows what is expected of it. He must know what the dealer intends to sell and to whom he intends to sell it.

If a lumber dealer, for example, sells exclusively to contractors and industrial firms he needs a different type of store than the dealer who derives most of his volume from housewives, homeowners and other consumers. The lumberman who caters to a large farm trade should operate from a different type building than the city dealer. The retailer who handles counter merchandise needs a store that will attract customer traffic. The man who deals primarily with contractors does not.

Careful evaluation and analysis of the merchandising job to be done, the materials to be sold and the customers to be reached are the bases on which plans for store moderization should be made.

Lumber Dealer Problems

Lumber and building material dealers, because of the large stocks they normally carry, face a more complicated problem than retailers in other lines. Lumber, insulation, millwork, hard materials etc., are all bulky and require large storage space. Furthermore, they do not so readily lend themselves to counter display as do waffle irons, canned peaches or diamond rings. Obviously the lumberman could not maintain a store like the hardware dealer, grocer or jeweler. It was this problem that gave rise to the lumber yard as we know it today.

Many lumbermen, in fact, do not have "stores" at all, but merely a yard and a small building to house the office. Most of them have sample or display rooms, but really modern sales rooms are still comparatively new to this industry.

The fact that a dealer does not have a glamorous store is no reason to condemn him as unprogressive, because that lumberman with the average looking yard and the small office building may be doing an excellent merchandising job. He may be dealing with farmers or contractors and enjoying a large volume of business.

But there are distinct trends underway that may change the picture of building material retailing. More and more lumber dealers are depending on direct sales to consumers. Before the war package sales of homes and remodeling jobs were becoming the standard method of operation. Sales of counter items direct to the housewife were developing into a very profitable factor. These trends will develop more rapidly after the war.

The Analytical Approach

It's up to each lumber dealer to analyze his individual problem and solve it; there is no standard pattern of operation which can be imposed on the entire industry. The dealer should study his own business records, the postwar business potential in his area, and the visible operations of his nearby competitors. He should carefully consider all trends in the light of his own and other dealers' experiences. In this way, he will probably see his business in a different light than he did ten years ago.

This careful evaluation will give the retailer the information he needs to make his plans and bring his store up to postwar standards. Without it he will be floundering in the dark.

On the following pages are many articles, photographs and drawings comprising a wealth of authoritative information on store modernization. Some of the articles discuss theoretical aspects of the subject, but most of them are practical discussions based on actual experiences. They have been gathered from authorities in many fields, but all of them contain fundamental knowledge that will be of benefit to lumber and building material dealers.

An Over-All Problem

Store planning, to be done intelligently, must be considered as a single, over-all problem. First move, of course, is a decision on location and a careful appraisal of that location as to the type and amount of automobile and pedestrian traffic moving past the site. It goes without saying

Another original creation by AMERICAN LUMBERMAN, this store design is recommended for suburban, small town, neighborhood or highway locations. The tower and flag fulfill an important function in that they permit ready identification of the store—even from considerable distances. The bold sign leaves no doubt concerning the type of merchandise offered for sale. The bright colors blended with the graceful lines of this store attract customers and the large windows invite them to enter. It is suggested that parking space be provided to the left of the structure. Several variations of this design suggest themselves. If the store were located on a busy corner, the front as shown here might be duplicated on the left side, thus making two fronts. In that case the entrance door could be placed in the base of the tower.

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that a retail building material store located on a busy highway on the outskirts of a community will vary in appearance and arrangement from a store situated on a busy downtown street adjacent to other stores and accommodating pedestrian traffic.

The store building and its front, designed to attract customers, cannot be designed independently of the location, nor can it be designed without at the same time considering the interior arrangement. Every display, every department, each show window and the entire store front must blend into one harmonious whole. Yet the arrangement must be sufficiently flexible that displays and departments can be changed without disrupting the harmony.

The ideas and layouts for store fronts and interior displays presented on these pages were assembled from a wide range of sources. They were selected for publication because out of all of them, you, as retail lumber and building material dealers, may find some help in planning the modernization or construction of your future sales premises. These are the trends, but each individual dealer, working with a designer of his own choosing, must blend these components into a complete layout that will fit his particular type of business. That is the only sound basis for modernization.

Your Store Front Is Vital Point-of-Sale Advertising

By James B. Carse
Advertising and Sales Promotion Manager, The Kawneer Company

RECENTLY AN APT definition was given the modern city. It was called a "machine for living." It is an excellent description of the mechanical conveniences and facilities of present day living. But let's define the modern retail store. We hit the "nail on the head" when we term the smart, modern, efficiently operated retail store a "machine for selling."

Now—let me ask a blunt question. Is your store 100 percent ready for modern merchandising? Is it more attractive, more convenient, better staffed than your competitor's? Is it the best "machine" for selling your particular type of merchandise? Are your window displays attractive? Do they tie in with the other advertising, with your manufacturer's national advertising . . . for that is what windows are, too. Just advertising.

Take inventory in your mind's eye now. Does your store have that something extra the Hollywood boys call "umph?" How does the exterior strike the average passer-by? Does your store-front literally "pull 'em in" as they go past? It only takes eleven seconds to walk past the average retail store...eleven precious seconds in which to make—or lose a sale.

Doesn't matter too much? Well—how many times have you walked or driven up and down the streets of a town looking for just that certain place to eat? And—how many thousands of restaurants have you walked past—because they weren't just right.

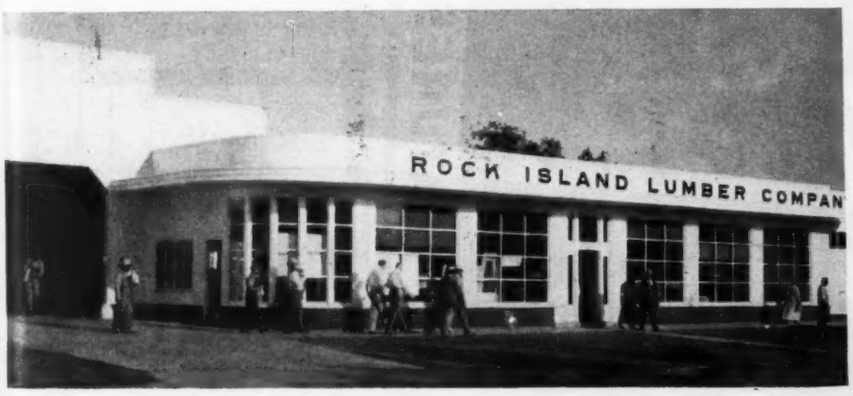
How many filling stations have you driven past—when "A", "B", and "C" books were for kindergartens only—to find just the right one? You wanted it clean, efficient, well lighted, selling a popular brand of gasoline—you simply wanted the latest in modern luxury. Certainly you did. It's a natural desire.

It isn't so far back that you can't remember the old sidewalk gasoline pump. You drove up, and if you had a Ford, as we did, you stood up and raised the front seat so the operator in his greasy overalls could put in five gallons of gas...and any old kind, too. Sanitary rest rooms? Coca-Cola machines? Ample room off the street? Trim castles of white porcelain enamel or English cottages for smart architectural effects? Gas pumps that told you how much? Why ...you never dreamed of such things.

Well—we had that Ford and that front seat in 1925—just twenty years ago the average modern filling station wasn't even in the dream stage. How old is your store exterior? Have you made any really basic changes in your facilities? Are you up-to-date? Do you have what people want?

Don't ask yourself if your store is right. After all, you've been with it for a long time...it's your "baby." Ask your customers, ask your sales results, ask your competitor's sales results, ask successful merchants in other cities. Look around. Sometimes it is hardest to see the trees where the forest is most dense.

Literally thousands of merchants are planning extensive remodeling programs, expansion programs, new building programs. And—the inevit-



The attractive fronts on these two lumber yards demonstrate what has been done and what is to be done by many retailers throughout the nation. Although these jobs were completed before wartime building restrictions halted such projects, blueprints have been completed by many lumber dealers for yard modernization as soon as conditions permit.

FEDERAL LUMBER
LUMBER Co.
BUILDING MATERIAL
LINOLEUM
&
PAINT-HARDWARE
FEATURES
FEATURES

able question being asked is, "What shall I do?" The answer is easy, perhaps easier than you ever dreamed it was. But, it takes work...plenty of it. Footwork, handwork, and headwork.

Your local architect is a highly skilled and able man. He is expert in the creation of designs that function mechanically, to keep you warm, dry, and provide light. But...you have to do the one job he can't do...really apply a science to advertising your business. His is basically a building science, an interpretive science of things you want and need. Yours must be the science of classifying and qualifying your needs.

Please let me warn you of this... don't have any preconceived ideas when you start. Look at your store and its front purely as a blank book of white paper. The outside sheet, or the front, is the cover of the book. Inside the book are other blank white sheets... these are to be the chapters, or the departments in your store. But remember...they are blank. The limitations? Well, consider then the size of the sheets of paper...how much and how well you can print on each one, in other words.

Now... what story do you want to tell? To whom is the story best suited? What kind of people are they? What do they like? Where else can they buy what you sell? What is that store—or those stores—like? How will you advertise to these potential customers you want? What will you promise them if they buy from you? Will they like what you have to offer? Is it easy for them to buy from you? Is it hard to park near your store? Is the store hard to find? Normally, people only walk 1,000 feet from a car. Is the store cool in summer... warm in winter? Will the character of the store itself create a desire for ownership? Will the clerks work well in it? What about good acoustics? Lighting your merchandise?

These and the many other questions you must answer—or have your customers, your clerks and your competitors answer—they are the necessary start, the footwork of getting ready to modernize. Next, when they are all answered, comes the headwork, and the handwork.

But—headwork comes first. What is the volume these people will bring you—can afford to bring you? Somewhere in between is the dollar figure you have to invest in this advertising program. Where does the money come from? Well, it should be budgeted and charged off just like all your other advertising money. Plan to amortize it over a five year period...when again you'll be making more changes, streamlining, to meet the demands of 1950. Remember, there will be a lot of changes by that time.

Treat your store just like an ad you would run in your newspaper. But remember...you have far more to work with. Your models in this picture can be real live people. You don't need to try and simulate blue sky and clouds...the outdoors is full of them. You don't need to fake the colors... you will have all the actual colors of the rainbow to work with...use them in proportion and treatment to your needs. Colors have a psychological effect, you know. Be sure they are expertly and carefully blended to get the favorable psychological effects you are after. This is the place where your architect fits in so importantly. But you must tell him your needs first.

Treat the store-front as the advertising medium it is...as the cover of the book. Is it interesting, does it give a glimpse inside? Does it make the right people want to open the cover and read the contents? Are the chapters easy to find? Remember the lettering? Not just what the lettering says...but the actual lettering style. It has character, too. It must blend in with everything else. Remember the display windows, on which you bank so much. Remember the easy entrance...the parking facilities...all of the things we've covered. And most of all, remember the people you are planning to sell to...this "machine for selling" is designed to accommodate them—make them want to buy.

Above all, let me stress this one point. Since your store is literally a "machine for selling"—an advertising and display medium for your merchandise, always consider it as such. Remember—you are the advertiser—not the advertising reader. Your advertising may not be what you want to see, or read, not by a long shot! What you feel, or like, is not important. It is what your customers like, what they respond to, that rings the cash register.

This material has been condensed from a presentation made at the Store Modernization Clinic held in January by the National Retail Furniture Assn.

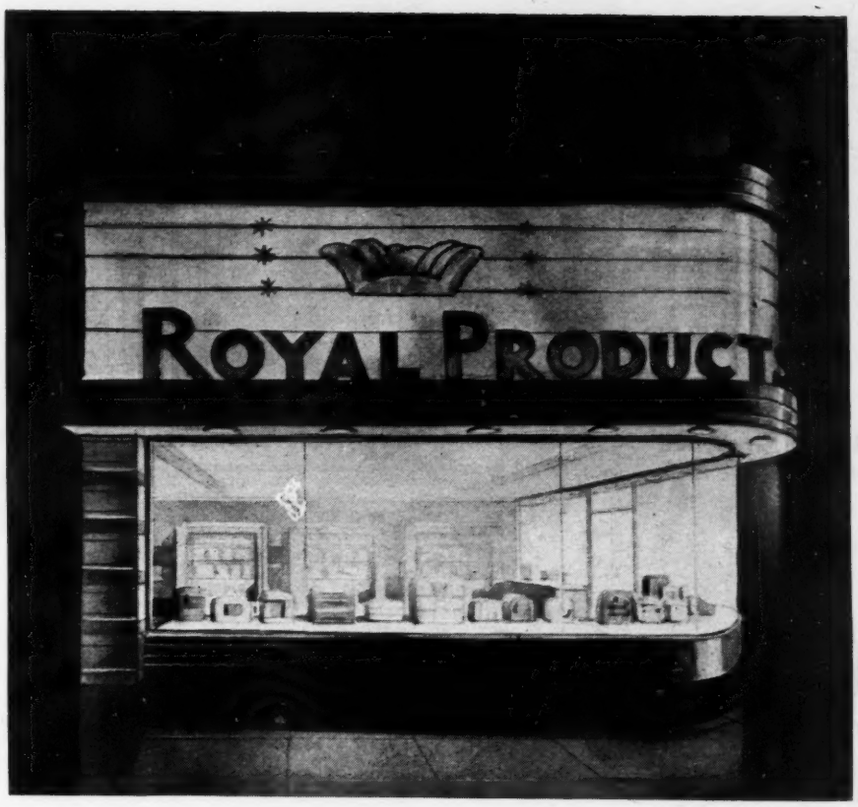
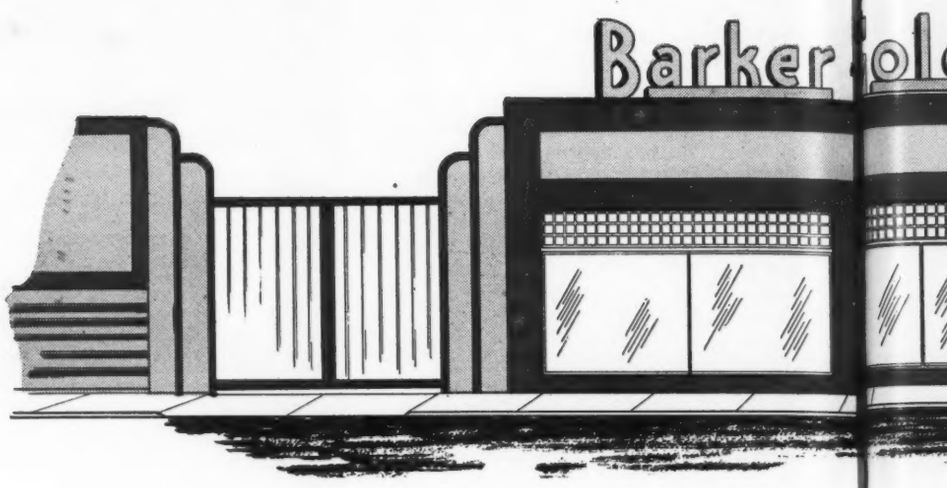


Photo: Sylvania Electric Products, Inc.

Translucent facing above the windows on this store front has backlighting to silhouette the name of the company and design of the store front. This could very well be adapted to a retail building material store on a good business street.

This drawing illustrates what can be done in the way of modernizing the front and sales room of a typical "shed" type lumber yard. The marquee, topped by the large electric sign, is a dominating feature and should prove a profitable advertising investment. The word "Features" shows where movable type can be used by the dealer with frequent changes to feature seasonal or special items or events. The large plate glass windows permit a full view of the store interior from the street and lend themselves to many variations in decoration. This perspective was prepared by the Federal Electric Co., Inc., for the National Electric Sign Assn. at the request of American Lumberman.

Remodeling *from a* Merchant's Viewpoint



By Ron Campbell
Manager, Delta Furniture Co.

WITH THE END of the war will come a mad scramble—a sudden decision to rush headlong into the remodeling of your store. And what a tragedy that will be—if you are not prepared. At the first available materials you'll engage anyone you can get your hands on to fix up the old place trying to beat competition to the draw...but in the long run only regret will be the answer. I say this from actual experience—for no face-lifting job—large or small, can be jumped into without getting all tangled up in a mess you'll never straighten out. Your anxiety will overcome good logic with the result of a poor and costly modernization job. There will be many new ways of remodeling, many new kinds of material, and many new methods of applying it. New methods and new plans will come along constantly.

You are after ideas and plans, and that's as it should be. To keep abreast of the times it is part of our future merchandising plans to redecorate our stores to fit the new era that lies ahead, to keep ahead of competition and not behind it. That's why the aggressive merchant has some sort of plan in mind but he doesn't know "where to begin," when—how—and with what. Ideas are everywhere. What to do is the problem. How to do it. How to do it without too much cost. How to do it in the right way.

I have personally remodeled many small and large stores. I am not an architect or a designer but merely a merchant. Therefore, perhaps I can lend some suggestions that may be of help in solving your problem. I have learned "what not to do" and how to cut corners to gain the greatest amount of effect at little cost. I have learned to "merchandise my remodeling" for after all any modernization job should be done with selling in mind and not to tickle the vanity of some merchant who just wants something pretty because the other fellow has it. I have made a great study on the subject of store modernization and have seen store after store jump headlong into a costly remodeling job that never did fit the merchant's way of doing business. It was either overdone or too ornate, or without thought of "merchandising." It wasn't flexible but too permanent.

In planning any face-lifting for the store's exterior, or in rearranging the interior, wise counsel prescribes against too heavy investment in definitely styled installations or too permanent an installation. Permanent installations are soon outmoded yet their cost is so great that they could not be thrown out before their period for depreciation. Sometimes it is wise to modernize step by step in order to properly promote each department.

It will pay big dividends to employ a competent architect or designer familiar with retailing to supervise your job. If you can not employ this sort of flexible architect, then employ a local sign man with experience in building theatrical displays. Have you ever noticed how effective these displays are, yet how far from being a permanent fixture? Usually your sign man, if he is a good one, is thoroughly familiar with design as well as color

John Newlin, employee of the Barker-Goldman-Lubin Co., retail lumber and building material firm at Springfield, Ill., designed the attractive, modern store shown on these pages. As soon as conditions warrant, the remodeling job will be rushed through, and this modern store will emerge from the present establishment.

This material has been condensed from a presentation made at the Store Modernization Clinic held in January by the National Retail Furniture Assn.

The blueprints for this proposed postwar retail building material store are ready and construction is scheduled for completion as soon as labor and materials are available. The floor plan layout below provides ample space for all types of displays, which it is planned will be movable and subject to an infinite number of variations, depending on trends, seasons and sales campaigns. In addition to completed plans for sales premises, this firm has conducted extensive studies and made decisions as to products to be merchandised. A definite plan regarding personnel to handle the merchandising has also been set up.

ADVERTISEMENT

and knows how to build what you want at little cost. But watch out for the architect that can think of nothing but permanent installations. Your job must be flexible to be practical and to serve the purpose for which it is intended—selling of merchandise. Therefore, engage an architect who has had experience in building retail stores and not one who does nothing but commercial, factory, and private homes.

Every modernization job is an individual project, governed by conditions that are never the same. What is a good remodeling job for a store in Baltimore may not necessarily be good for a store in Moline, Ill. Your real success is knowing how to accumulate all the material made available to you on the subject of remodeling and adapt the ideas to your own problem. In selecting an architect or a designer, by all means take him into your confidence. Unless you have full confidence in him, don't use him. Just remember that there are specialists in retail stores, and there are architects whose principal plans have been apartments, homes, banks, factories, etc. When you obtain your architect, take him to dinner, let him know your problem, tell him what you have in mind. Show him the multitude of clippings you have accumulated, the photographs you have assembled, the literature you have on file. Let him study it and if necessary, send him to a few stores that have done an outstanding job of modernization. When you have accomplished all this—go ahead and rebuild your store when material is made available. But be ready when that day arrives.

A small store front, with large windows well lighted and filled with frequently changing seasonal displays, shows the passerby this lumber dealer has what the prospect wants in the line of building materials.

What About Your Store Front?

Perhaps the store front is your biggest problem? A good store front is a great asset. It reflects a progressive, alert and style-conscious establishment. Your store front is the outward characteristic by which people know you. Make it impressive but watch out that you don't over-do it, make it too elaborate, and frighten away your logical class of trade. The tattle-tale galvanized and cast iron cornices, protruding window sills, and other unsightly elements are relics of the past. Vitreous glass when available produces outstanding effects and comes in combinations of pastel shades. Indiana limestone and glazed brick produces other effects. Firms such as the glass manufacturers have designers that will take over your entire problem of designing your store front. But again I say—watch carefully the vital necessity of having your store front in keeping with the class of business you do. When you change over your front, keep these things in mind: How high off the walk should I have my windows? Where will my entrance be? Double or single doors? How many windows? How high up will I go with remodeling—all the way or just above the windows on the first floor? Where will my sign be installed?

Display Windows

The question, "open or closed display backgrounds" for your windows! It can be decided only when the individual problem involved is taken into consideration. Bear in mind that your windows perform a great job of selling or creating interest. They can "intrigue" lookers—bring them in so to speak. Some stores get best results with backgrounds blocking off distracting views; others do equally well without backgrounds, giving the spectator a view of the entire store. In my opinion, either type of window should have platforms raised slightly off the floor. If you have a small store and a good looking interior, open background displays will reveal something worthwhile and I recommend them. If your store is large then I recommend the closed type of background. With closed backgrounds, you can create interesting windows. If you have a narrow frontage, a recessed entrance will increase your window space.

Planning Departments

Let's sum up the fundamental requirements to a good remodeling or modernization job. First, remember: departments must earn the space they get. How much of the total available space shall be devoted to various departments? How do you find out? Walk through your store...jot down notes! Study your past sales record and what you propose to do in the future—what departments you desire to enlarge. The sales flow of merchandise as it occurs in your own store is the best guide to follow. You do not want to buck the logical trend, unless there is some factor involved that you wish to correct. Study carefully your own records of sales by departments to total sales. Then, making due allowances for the necessity of seasonal requirements and local considerations, as well as physical requirements of various types of merchandise, balance that with the percentage of space allotted to various departments against the total available space. That provides an ideal starting point.

This well-balanced, systematically arranged sales display demonstrates what can be done by adhering to the fundamental principles of careful, "eyeful" planning. Although the paint stock dominates this corner of the sales room, a clean, well-filled builders hardware display can be seen at the far left and a small tool counter is at the lower right. At lower left is a typical counter display of small items that invite inspection by roving customers. Below the "Color Consultant Service" sign is the rack of paint color and sample cards with literature on the counter in front of it. The floor sales counter with desk, and telephone brings customers to this end of the store to complete sales. This is a picture of part of the interior of the Big Basin Lumber Co.'s store at Klamath Falls, Ore.

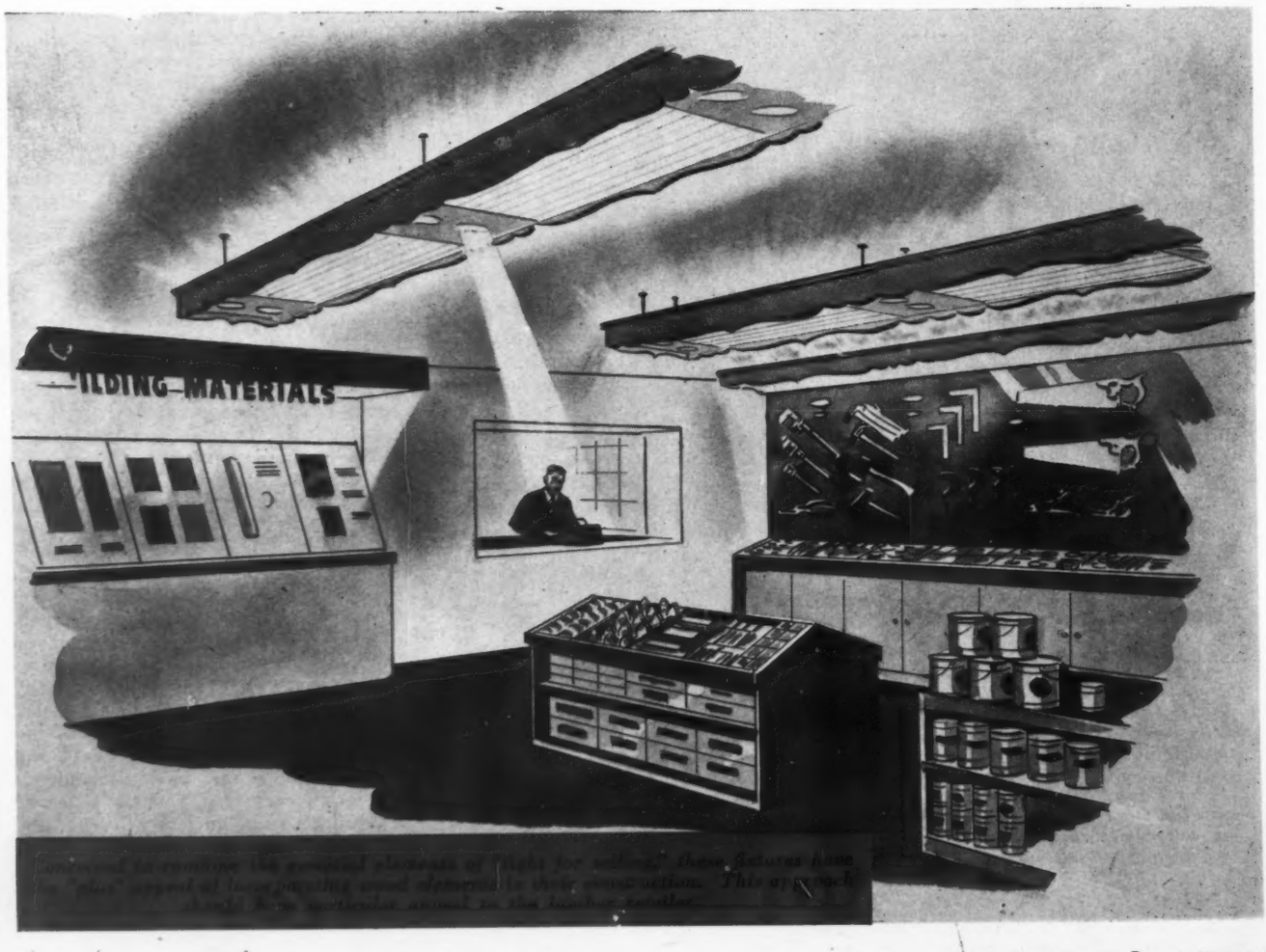
Left: The bare circular fluorescent lamp is the "eye-catcher." Lighting for the paint samples should be arranged so that either incandescent or fluorescent lamps will show the appearance of a color under conditions of use.

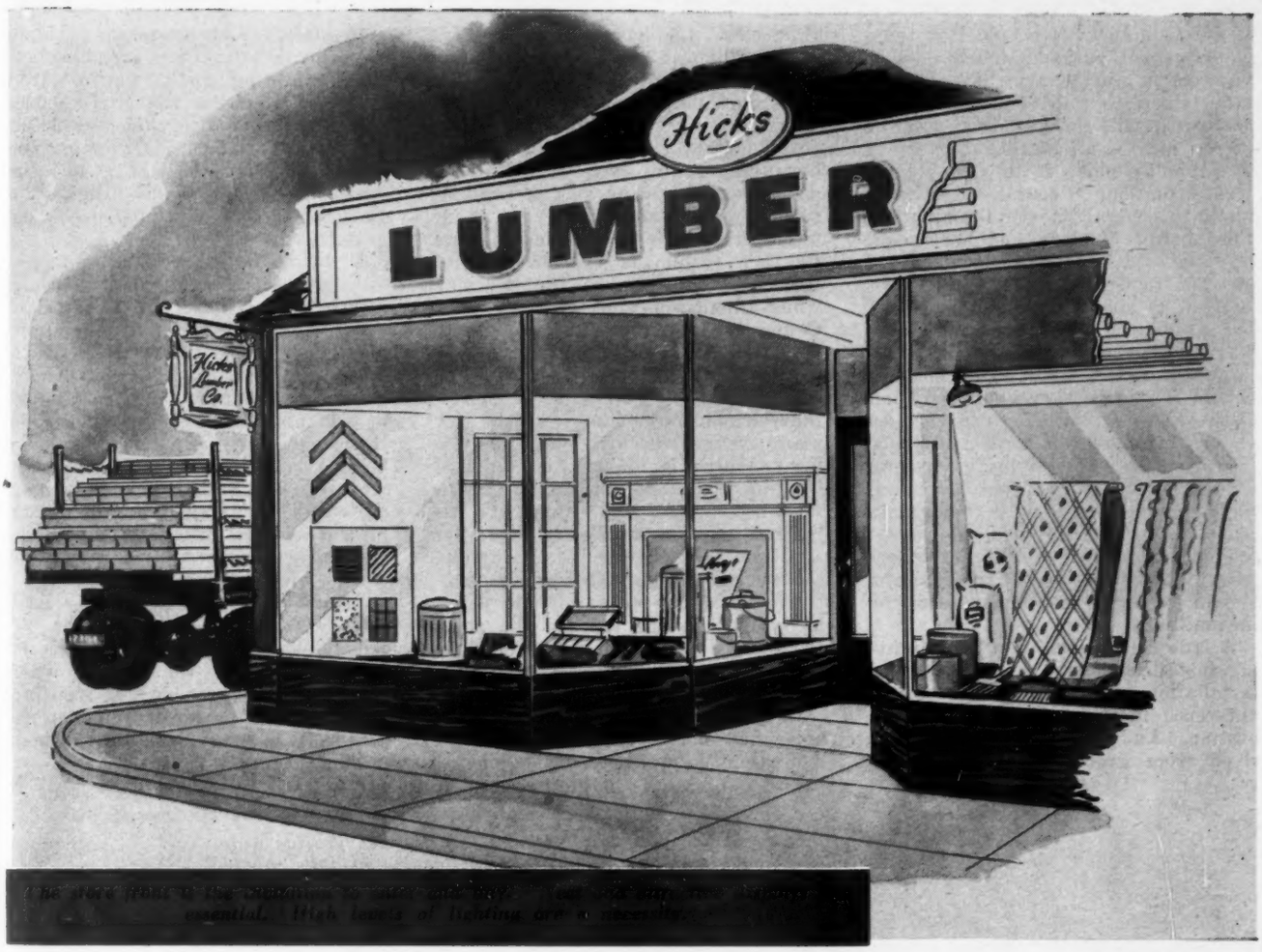
Far left: Circular fluorescent lamps will do an excellent job of lighting small displays of the type shown here.

Illustrations from Westinghouse

LOOK TO YOUR LIGHTING For Sales

By J. L. Kilpatrick
Westinghouse Lamp Division





The store front is the invitation to enter and buy. Yet too many stores disregard essential. High levels of lighting are necessary.

THE AGGRESSIVE, forward-looking retail lumber dealer is planning to be a vital factor in the postwar era. His ambition points toward being the main source of supply for building materials in his community. The days of the "coal and lumber yard" with its "shanty" office where the dealer waited placidly for orders to come to him are a thing of the past.

The potentialities of becoming the focal point of interest and the center of activity in tomorrow's construction, repair and remodeling programs have furnished the stimuli to stir the dealer's business acumen. Embracing all of the equipment and merchandise which is covered in the broad scope of building materials, cooperating with the various contractors comprising the building trades, assisting architects and builders in the planning of structures and providing a showroom for product display are the major factors of the assignment which the retail lumber dealer plans to undertake in the postwar era.

Of these factors the showroom will play an all important part because it will actually become a salesroom. Many items which the dealer will handle will fall in that class requiring negotiation before a transaction is completed. Many others will be classified as "over-the-counter" sales.

Both classifications will be sold more readily if properly displayed in a well-planned store or showroom. "Eye-appeal" does much in creating "sales-appeal" because approximately 87 percent of our impressions are visual. It is only sensible that with such a realization there cannot be too much emphasis placed on the necessity of installing good lighting. Our sense of sight is useless when there is no light. By the same token, poor lighting results in poor "see-ability" and sales are handicapped.

Dealers have had and will continue to receive much advice on store layouts, display arrangements, etc. Unfortunately, most of the merchandising designers either ignore lighting recommendations entirely or cover them in some generalized statement such as "Lighting is important." "Be sure your illumination is adequate."

It is always difficult to make specific recommendations for lighting on a generalized basis. Each project should be studied in order that the most satisfactory results are obtained. Studies of this nature require the services of a competent illuminating engineer. Such services are not difficult to obtain. Almost every electric utility company, most lighting equipment manufacturers and many electrical wholesalers have local lighting representatives available who stand ready to submit recommendations and suggestions without obligation or expense to the customer. This is a very practical suggestion which should not be overlooked.

Of course, there are certain general considerations and helpful suggestions to be made which the dealer should evaluate in his own concept of good lighting.

Science has uncovered sufficient data on the complex seeing process to establish the desirability of producing artificial illumination in levels comparable to daylight values. This means that we should provide a minimum of 100 foot-candles or more of artificial light for every seeing task. However, economic considerations as well as engineering difficulties with present-day light sources, equipment and structures make installations of this type impractical in many cases. As a result many lighting installations today provide 20 foot-candles or less. Conversely, we have seen during the war period the production benefits to be derived in 35 to 50 foot-candle installations in industrial plants and the potential gains which higher levels indicate for all lighting applications.

Our commercial sense tells us that

if great numbers of people (the thousands upon thousands who have been working in war plants) have become accustomed to good lighting in the 35-50 foot-candle range, then postwar stores must be lighted to levels of 50-75 foot-candles if they would attract attention. Of course, these levels apply to general interior illumination. For special displays and showcases, levels should increase to between 100 and 200 foot-candles.

Lighting should not be judged on a basis of initial investment. The only way to determine the cost of light is on an annual basis. Fixed charges should be properly amortized and these, together with service charges should establish an annual cost of operation for any lighting system. Comparisons of various proposed lighting systems should be made only when they will provide the same quality and quantity of light. Otherwise, adjustments in comparisons should be made to compensate for inequalities.

A true comparison of a poor lighting installation with a good lighting installation will show a very small difference in the annual cost of operation. And the benefits to be derived from good lighting will more than offset the increased cost.

Actually, the most important item about lighting to be considered is **how much does it mean to sales?** If this is properly weighed then the cost of lighting gets down to only one fundamental—you should spend as much for lighting as you can reasonably justify and afford.

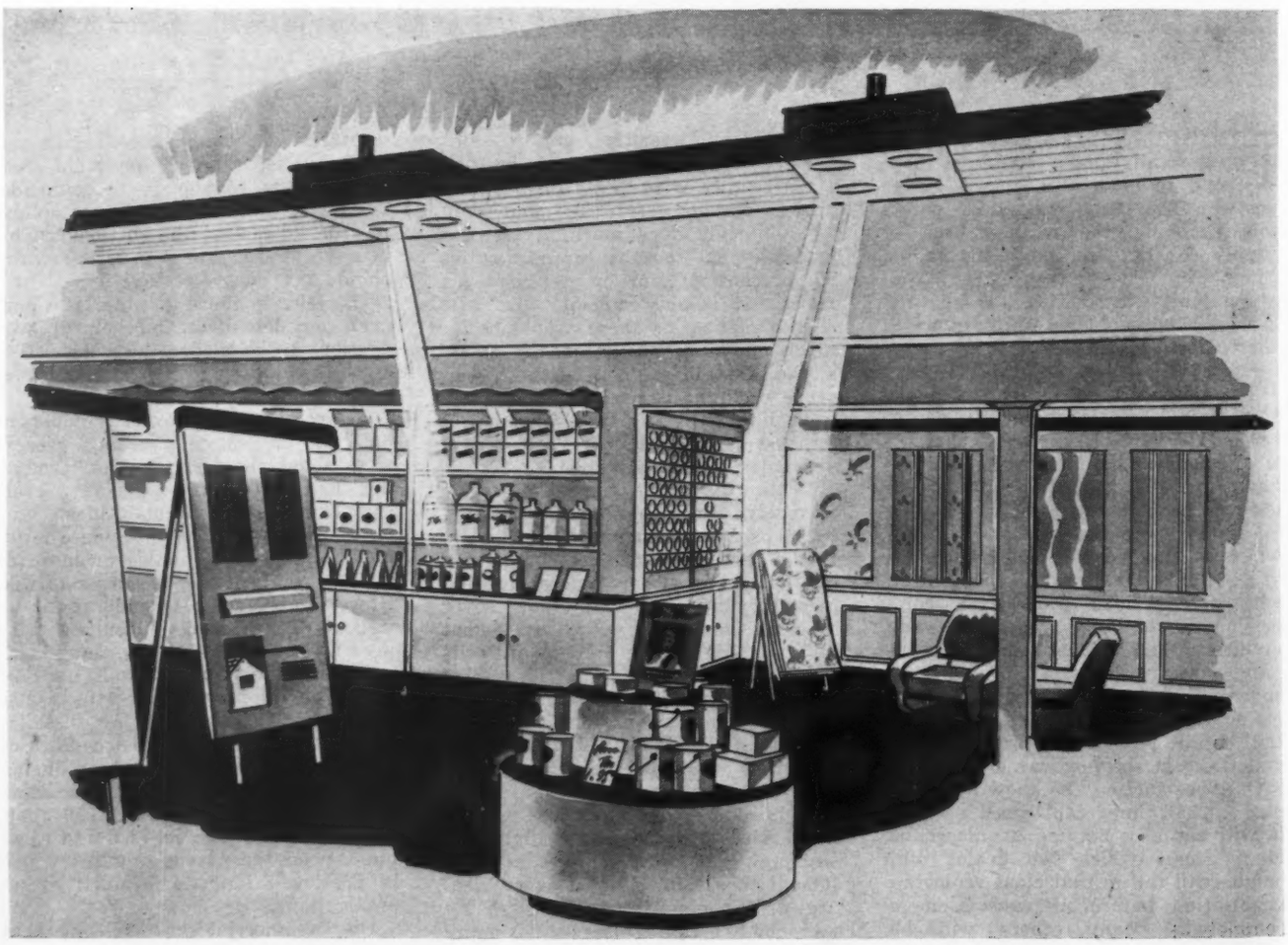
The first step in the design of a lighting system is consideration of the light sources available—from which final selection will be made. Generally speaking, there are only two light sources which have any widespread application in store lighting. The first of these is, of course, the incandescent lamp which, for many years, was the only electric light source available for artificial lighting. We are all familiar with the incandescent lamp and at this point it seems unnecessary to devote any time in discussing it. Conversely, the fluorescent lamp being comparatively new has been gaining in popularity until it has reached the point that many people have the feeling that "unless it's fluorescent it isn't modern."

In the final analysis it is very probable that the store owner will use fluorescent lamps to provide general illumination and incandescent lamps to provide the "hot spotting" or "high lighting" of displays. It is quite possible that fixture manufacturers will combine fluorescent and incandescent lamps for such purpose in their postwar designs. In other cases incandescent "down-lights" or reflector lamps will be used separately.

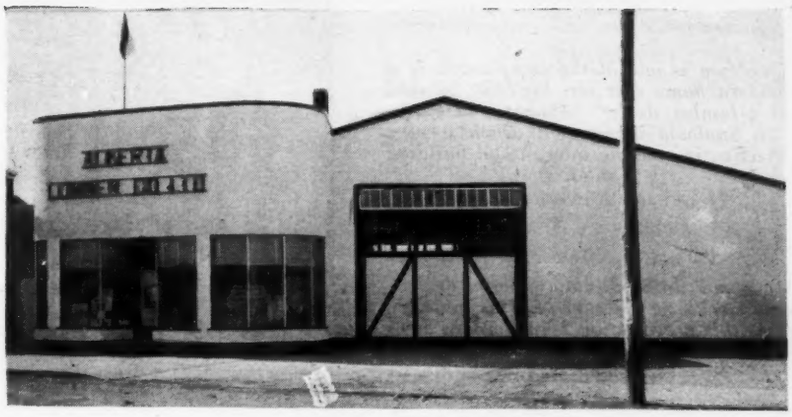
Lighting in stores should provide something more than foot-candles to permit inspection of merchandise. It should also create an appropriate atmosphere as a part of the store interior design and it should serve as a silent salesman in attracting customer attention to dislays for the purpose of stimulating impulse buying. It should aid in directing store traffic. Stores so lighted contribute a definite "plus" to better merchandising. They are pleasant and attractive places in which to buy and in which to work.

Remember that one of the basic rules of good merchandising is "To sell it—show it" and to "show it" you must provide the lighting which makes seeing possible. If you are planning any modernization for future selling—make see-ability a must in your program.

Fixtures incorporating flourescent and incandescent lamps as illustrated provide wide flexibility. Wall displays should have plus lighting. Free-standing exhibits should be built with "high lighting."



These modernization jobs on existing lumber yard buildings have been completed. They illustrate what can be done to improve the fronts and interiors where an entirely new building is not practical or desirable. The job at the right can be adapted to any number of small lumber yards without going to a lot of expense, and will add immeasurably to the pulling power and prestige of the premises.



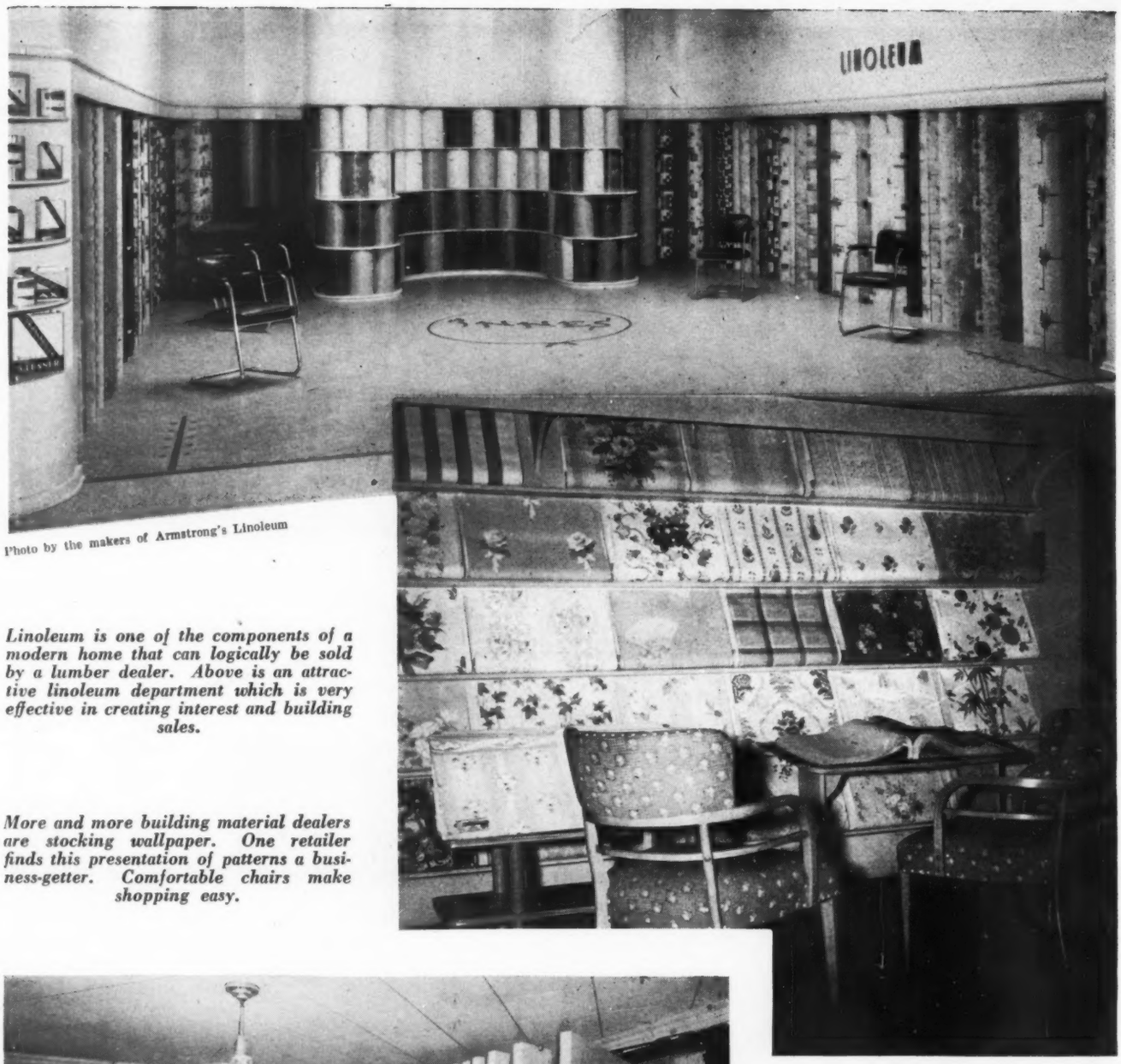


Photo by the makers of Armstrong's Linoleum

Linoleum is one of the components of a modern home that can logically be sold by a lumber dealer. Above is an attractive linoleum department which is very effective in creating interest and building sales.

More and more building material dealers are stocking wallpaper. One retailer finds this presentation of patterns a business-getter. Comfortable chairs make shopping easy.

A good display rack for doors very often means the difference between a nice profit on the line or only mediocre success. The Capital City Lumber Co., Columbus, Ohio, designed this substantial rack out of iron pipe.

Below is a simple and practical display booth for insulation board being used very successfully by a retailer as one of the points of interest in his building material store.

MANY a rampaging bull has learned about U·S·S American Fence the hard way. This fence is strong! It is made to absorb unexpected shocks. It is flexible and springs back into position.

This resilience is obtained by three special American features: The hinge joint, the tension curve, and a medium-hard fence wire which retains its "spring" year after year. This wire was developed by metallurgists of American Steel & Wire Company. It is stiff enough to keep the tension curve from pulling out yet ductile enough to splice easily.

There is still a much greater demand for American Fence than can be supplied but we are doing our best to see that you get enough for your most urgent needs.

If you need more information on any American Products, write to our nearest office.

OTHER AMERICAN PRODUCTS INCLUDE: Gates, Nails, Posts, Staples, Tacks, Barbed Wire, Poultry Fence and Netting, Bale Ties, Welded Fabric, Roofing.

There's more in use than any other brand
It must be good!

USS AMERICAN FENCE UNITED STATES STEEL

U·S·S AMERICAN FENCE

AMERICAN STEEL & WIRE COMPANY, *Cleveland, Chicago and New York*
COLUMBIA STEEL COMPANY, *San Francisco*
TENNESSEE COAL, IRON & RAILROAD COMPANY, *Birmingham*
United States Steel Export Company, New York

UNITED STATES STEEL

Will It Be Modernization Without Proper Evaluation?

By John R. Trost

IT IS MOST encouraging and doubtless beneficial to manufacturer, retailer, and consumer alike that merchandise departments and store displays are receiving a "windfall" of attention in the current wave of retail store modernizing plans. I use the word "windfall" because it is possible, with available materials and under existing regulations, to exercise considerable latitude in reshaping and improving the interior of your store even though building materials for completing major structural changes are neither available nor are expenditures of this type generally permitted at this time. And it seems quite likely that these conditions will continue to prevail for some months to come.

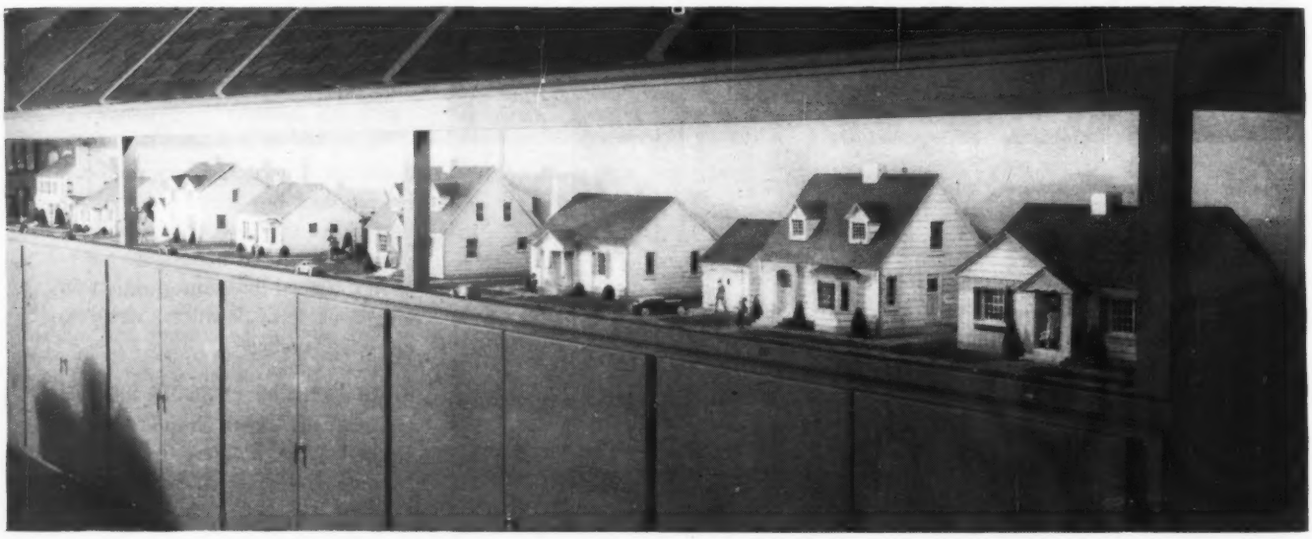
Many stores have "modernized" within the past eight years. Most of these beginning in the late thirties immediately following recovery from the depression. Modernization was then, as now, the thing for all stores to do. At that time, however, the connotation of modernizing was usually that of putting on a new store front. Today, mention of the word "modernizing" usually signifies department planning.

Obsolescence factors already have and will further play an important part in creating dissatisfaction with many of those prewar projects. Most of the dissatisfaction, however, will be the result of incomplete planning.

Prewar remodeling was largely modernization without evaluation because primary consideration and the bulk of the expenditure was for a store front with little or no attention at all to remodeling the various departments and glamourizing the merchandise itself—it was mostly just a "face lifting." The store appeared "modern" from the street but in display and selling methods it changed little, if at all.

Compatible with that introduction,

The author of this article is with Anderson, Davis & Platte, New York City Director of Sales Promotion Services, Alexander Smith & Wasland Carpet Mills. This paper was originally delivered at a Store Modernization Clinic held in Chicago, January 1945, by the National Retail Furniture Association.



A display of a good variety of miniature model homes can be of invaluable aid in stimulating customer thinking and in solidifying opinions of prospects as to house design. Very few persons will pass by a display such as either of the two shown here without stopping for a good look.

Today's INSTALMENT SALES

create post-war selling opportunities

Because . . .

Instalment sales can always be made at list price.

Because . . .

Budget payment buyers are worth cultivating—they far exceed the number of cash buyers—they are never book accounts.

Because . . .

Budget payment buyers are repeat buyers—they are worth retaining.

USE THE ABC EASY SELLING PLAN

To gain control of your sales to new and repeat customers.

To reach the broadest possible market.

To increase the number and amount of your sales.

To get cash for your sales instead of open accounts.

Instalment Selling is a must for the successful post-war lumber yard.

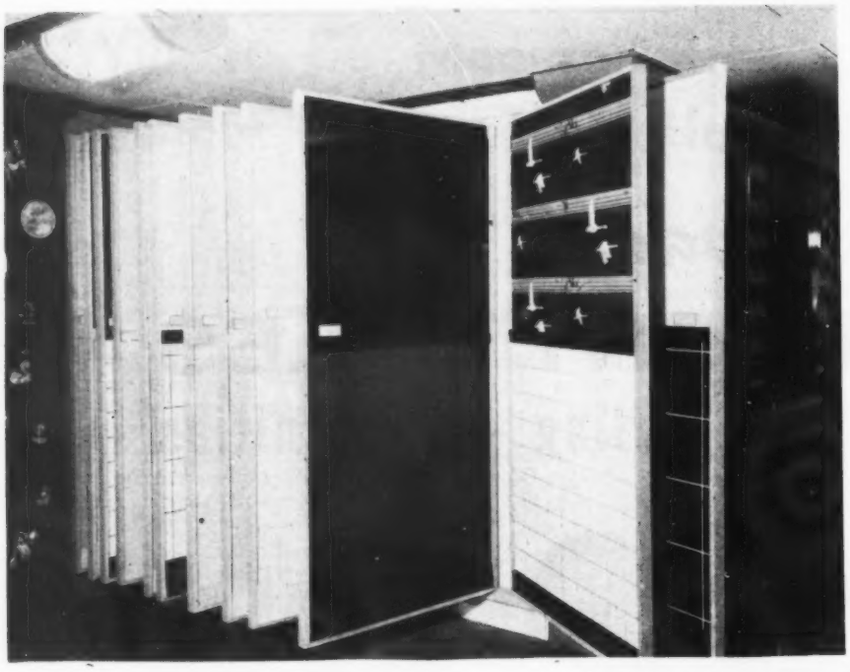
ALLIED BUILDING CREDITS, INC.

A Weyerhaeuser Institution

FIRST NATIONAL BANK BUILDING SAINT PAUL 1, MINNESOTA

ABC Approved BUDGET PAYMENT PLAN

A SERVICE BY LUMBERMEN FOR LUMBERMEN



Displaying board insulation and wallboards is always a problem for retailers. Small pieces of boards used on the counters become soiled from handling and, even when new, fail to reveal the full attractiveness of the product. The two displays above illustrate how the problem was solved by dealers who realize the value of a good presentation to prospects.

In some instances it has been found that a few chairs and a table well-stocked with literature on building materials proves to be a fine sales help. In addition to making customers feel more welcome, it is a good way to get some prospects to look at "required" reading.

perhaps my subject should read: "Will It Be Modernization Without Proper Evaluation—Again?"

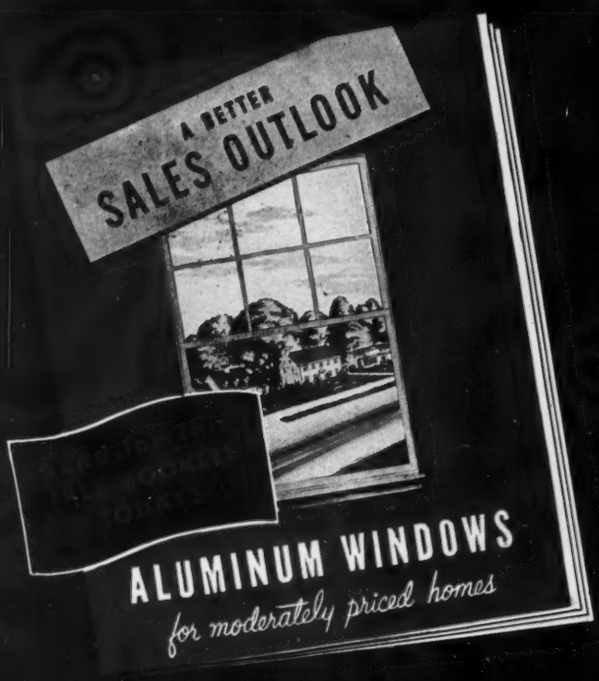
If that question refers to a lack of proper interest in merchandise departments, the answer is definitely "no." For first planning this time, retailers generally are focusing their attention on the inside of the store—department by department.

Going back again to the question, if it refers to modernization without proper evaluation of merchandising characteristics, department size, location, and profitability, the answer is certainly "yes." Analysis of these factors and coordination of the results must precede even the initial development of modernizing plans if the job is to be as you want it—tailored to your own store needs. If you choose to resort to assigning the modernization of merchandise departments to an architect, or any other person without making absolutely sure that he knows your business and that his drafting board plans coincide with your own merchandising experience and policy, the chances are 50 to 1 against your getting the result you need.

What, then, is the proper approach to "modern" department planning? What steps should precede the drawing of the perspective which shows how the department will appear when modernized?

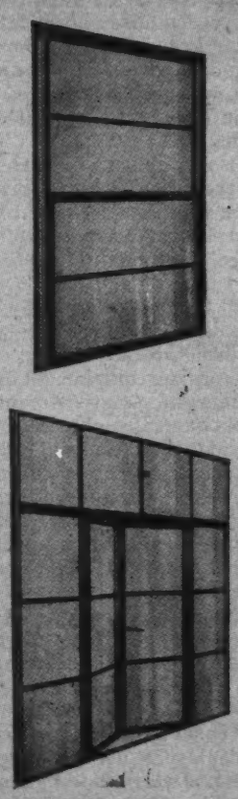
Here's a plan which, if followed through each step progressively, will give you an "applied" modernizing program for your merchandise departments—a plan which will insure the adaptability of any modernizing project to your store.

STEP 1. Determine—by major merchandise classification—the annual sales volume which you can reasonably



ALUMINUM WINDOWS

will soon be available* FOR LOW-COST HOMES



*Upon the lifting of Government restrictions on residential building, a complete line of these modern aluminum windows in stock sizes—9 double-hung and 8 casement—will be warehoused and distributed nationally by your regular suppliers.

IF YOU were at the National Builders Show in Chicago, you know what a sensation these new aluminum windows were. Builders from every section of the country voted them the "HIT" of the show.

To you who were unable to attend there's a real treat in store. Just think—fine quality, aluminum windows of excellent design and superior workmanship *at prices you'd expect to pay for any good window.*

These new ALWINCO aluminum windows offer both you and the home buyer many outstanding features. Most important, they add real sales appeal to any home you build. Investigate today. Write on your business letterhead for a copy of our new descriptive booklet "A Better Sales Outlook."

Exclusive dealerships are still open in several localities.

THE ALUMINUM WINDOW CORPORATION

Subsidiary of General Bronze Corporation

34-29 Tenth Street **Long Island City 1, N. Y.**

A small but nevertheless effective presentation of the fastest moving house paints. Rest rooms are an added convenience for customers.

Photo: Carr, Adams & Collier Co.

A good model kitchen display should be the focal point of interest for women in a prominent part of the modern retail store. Literature on alternate kitchen layouts should be readily available at this point.

expect to get from your trading area.

a) From available prewar figures, examine the size of your own retail market and, from your knowledge of competitive outlets, determine your fair share of the business in that market.

b) Discuss with your various sources of supply the probable increase in consumer demand for merchandise in which you deal.

c) Consider the increase or decrease (postwar vs. prewar) in the number of families (and the amount of purchasing power) in your trading area.

d) By coordinating this market information and by taking into account the kind of a job you have done in the past, and expect to do in the future, you can arrive at your postwar sales objective for each major merchandise classification.

STEP 2. Determine the merchandise line-up (at least in a broad general way) with which you expect to develop this volume.

a) List the items comprising each major merchandise classification.

b) For groups of items or kinds of merchandise within each major classification, establish a balanced relationship conforming to your merchandising policy.

c) Also establish, for each group of items, the price lines or price range on which you plan to concentrate. (For this purpose at least an approximate "average" selling or cost price is needed.)

STEP 3. Determine — by major merchandise classification—your required basic stock.

a) Apply the complement of planned gross margin (cost percentage) to your postwar sales objective (Step 1) and divide the resultant figures by your expected inventory turnover.

b) Break this required basic stock down by groups of items comprising each major classification in accordance with the balanced relationship set forth in Step 2.

c) Divide each breakdown by the average cost price for that group of items and you have the approximate number of units in inventory.

d) Determine the number of units of total basic stock necessary for adequate display as floor samples.

STEP 4. Determine—by major merchandise classification—the amount of floor space necessary.

a) Consider your floor samples as properties requiring a certain number of square feet of space for adequate display and selling. (Note any desired arrangement of related merchandise with the thought of sub-departmentizing.)

b) List the approximate floor space

A glance at the sales floor reveals this retail store is definitely the building and home servicing headquarters for the trade area. Note the special room devoted exclusively to "Home Service Department." Even the most casual visitor to a store such as this will find something of interest to him whether he is a home building or remodeling prospect or merely a renter.

"81 YEARS OF LUMBER FAMILY TRADITION"

TWIN HARBORS Honored by Army-Navy "E" Award

Twin Harbors gratefully acknowledges the Army-Navy "E" award to its Bingen-White Salmon (Wash.) plant for outstanding performance in the production of tent poles for urgent war needs. In one pressure week this plant shipped 68 carloads of completed tent poles, including manufacture, treatment and equipment with hardware. Tent poles from this plant have gone to the "four corners" of the world.

During the remainder of the war Twin Harbors will continue to give the men in the armed forces all possible support. With Victory the Twin Harbors nationwide organization will devote the same dynamic energy and enthusiasm to serving the after-war needs of the regular buying trade.

The Twin Harbors Postwar Line

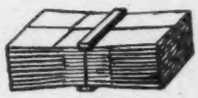
Douglas Fir
West Coast Hemlock
Sitka Spruce
Western Red Cedar

Finish
Yard Stock
Timbers
Mouldings
Pickets
Trim
Lath

Shop
Factory Special Items
Cut-Stock
Industrial Lumber
Railroad Material
Car Material
Tank Stock

Ponderosa Pine
Calif. Sugar Pine
Idaho White Pine
Southern Pine

Precision Trimmed Studding—Cut to Exact Length Specified

Peerless Brand  Red Cedar Shingles

TWIN HARBORS LUMBER CO.

Manufacturers and Distributors — A Nationwide Organization

Executive Offices: ABERDEEN, WASH.

WESTERN OFFICES:
Seattle, Wash.
Portland, Ore.
Eugene, Ore.
Medford, Ore.

DISTRICT SALES OFFICES:
Baltimore, Md.
New York, N. Y.
Philadelphia, Pa.
Chicago, Ill.
St. Louis, Mo.
Waco, Texas
Boston, Mass.—Distribution Yard

MILLS:
Raymond, Wash.
Bingen, Wash.

required for each group of items within a major classification.

STEP 5. Evaluate the profitability of each department or major merchandise classification. Rate each classification according to:

a) The amount of sales volume it brings in.

b) The amount of gross margin produced. (Not percentagewise but in number of dollars earned.)

c) Rate of turnover (high turnover means low merchandise investment.)

d) The amount of direct and apportioned expenses applicable to its operation.

STEP 6. Determine the proper location for each merchandise classification. Location for the department will depend on:

a) Its profitability.

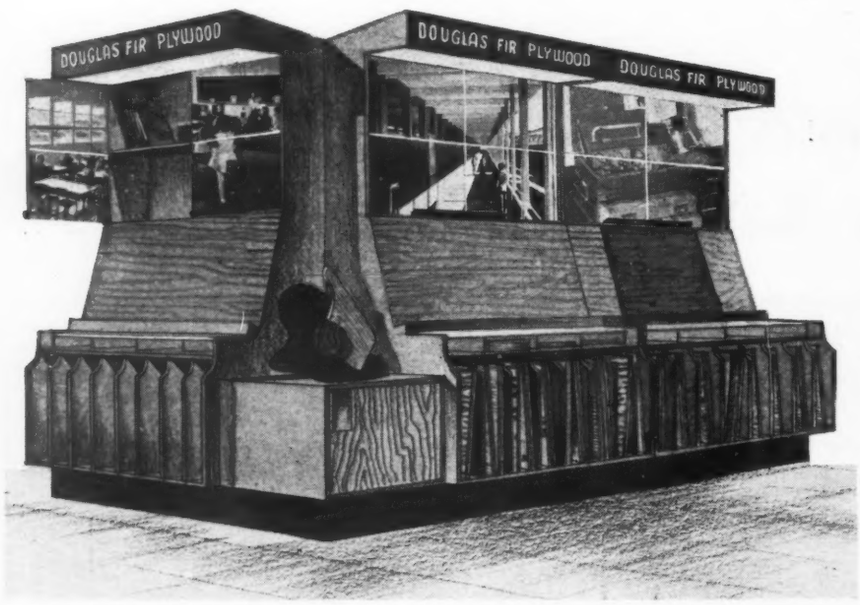
b) Its relations to other departments (consideration to related selling and traffic movement.)

c) Customer convenience in shopping.

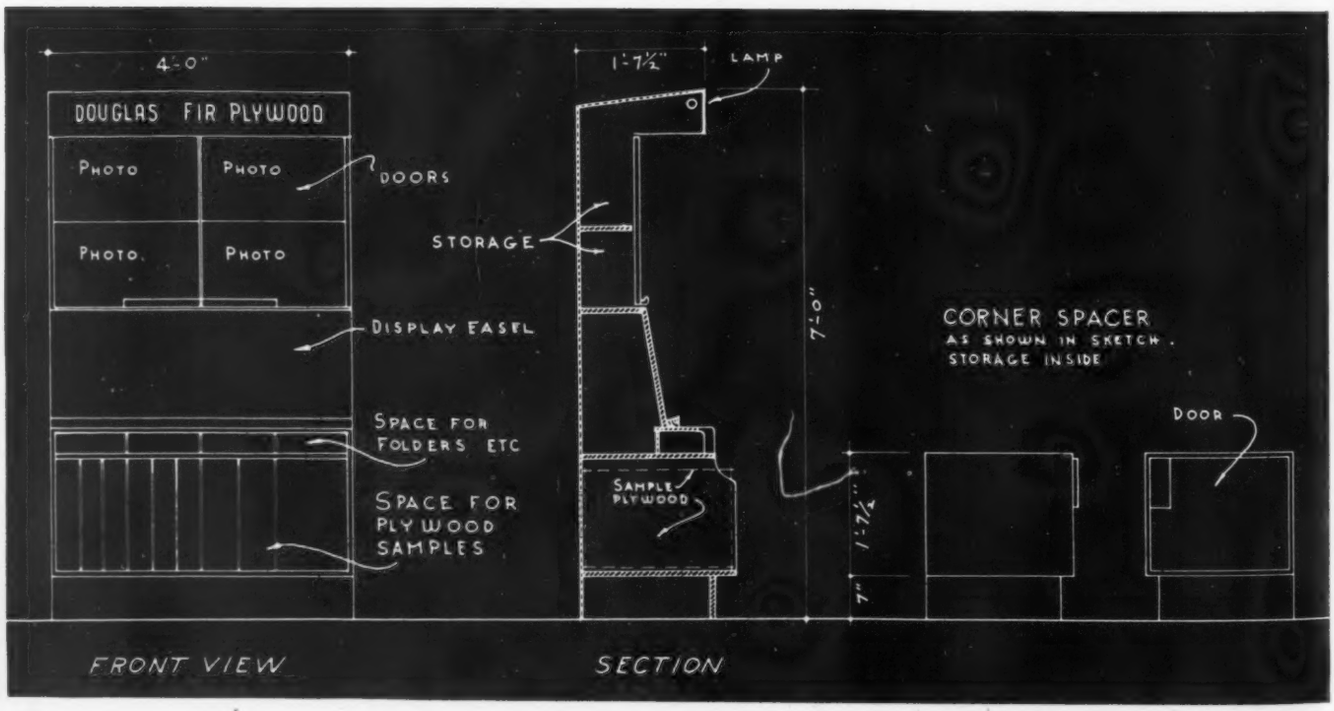
d) Department space requirements vs. store space available.

Only after you have properly evaluated your problem along these or similar lines are you prepared to discuss department modernization with your architect or whomever you select to make the perspective sketch and complete your modernizing plans. Having completed these preliminary steps—steps that only you can complete—you will then know, and can intelligently relay to others, just what you should have in department modernization and, more important, you can have it tailored to the needs of your store.

By following such a preconceived plan for evaluating all influencing factors prior to modernization, you will not be handing over a floor plan blueprint with "Here it is—streamline it." Neither will you unwittingly be changing your store merchandising policy in your effort to create a new atmosphere through department modernization.



Plywood has become a big item in the lumber dealer's sales picture—one that deserves adequate attention in his display and sales room. At right is illustrated a special plywood display unit built in sections to give it flexibility in size and in the use to which it may be put. The dealer can build one, two or three or more units according to the space he has available, and as indicated, it can be used on a flat wall or around corners. The area designed for photo murals of plywood in use is clearly indicated. A rack to hold plywood samples on edge extends along the bottom, and under the shelf is accommodations for literature. The slanting rack to hold the plywood samples on display is well illuminated by fluorescent tubes concealed under diffusing glass at the top. All types of softwood, hardwood, and plastic faced plywoods that the dealer stocks, or supplies through his warehouse connections should be represented among the samples. Below are cross section drawings showing dimensions—construction drawings and details are available from Douglas Fir Plywood Assn., Tacoma Bldg., Tacoma 2, Wash., who designed this display piece at AMERICAN LUMBERMAN'S request.



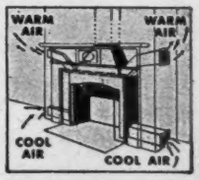
. . . will attract home building and remodeling business to your yard!

You are going to sell more Heatilator Fireplaces than ever before—as soon as building starts. Years of wartime fuel-rationing—of transportation tie-ups and uncertain fuel deliveries—have left an indelible memory in the minds of thousands.

Home and camp builders are going to want this fireplace that circulates heat—that warms all the room and even adjoining rooms—that can be used in place of wasteful furnace fires on cool spring and fall days, saving fuel and cutting dollars from fuel bills.

Thousands of satisfied owners and years of continuous advertising have convinced building prospects that the Heatilator is the fireplace unit they want. Every sales claim made for the Heatilator has been proved—in thousands of living rooms and basement recreation rooms—and in camps—all over America.

Heatilator is a building supply item with an all-'round sales appeal—a specialty that will attract business from the home and camp building field. Available as soon as building starts.



HEATILATOR, INC.
544 E. Brighton Ave.
Syracuse, 5, N. Y.

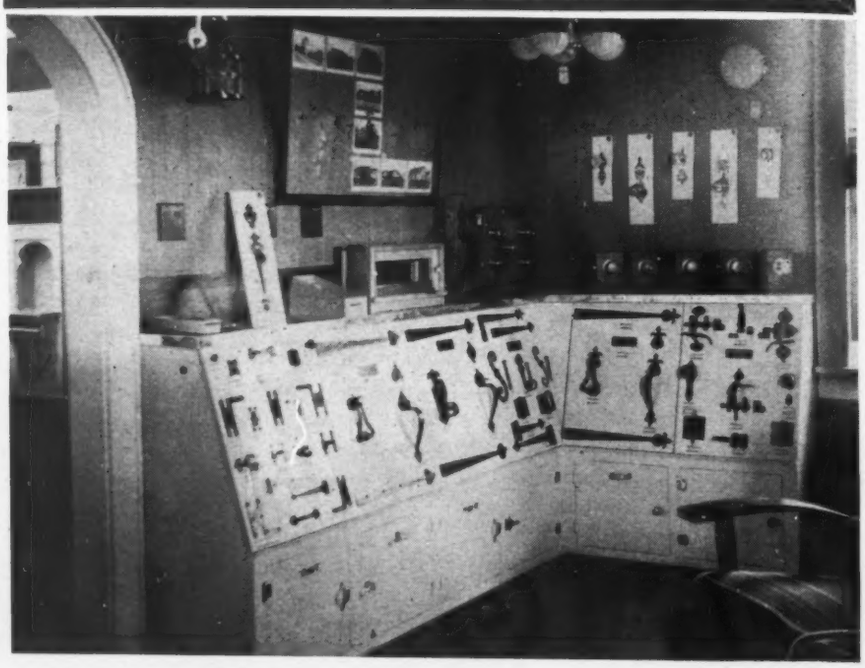
HEATILATOR—AN "EASY-TO-SELL" SPECIALTY

In some communities a nice volume of business and customer traffic can be developed through the sale of outdoor furniture, lawn and garden fixtures. This display is a business.getter.

Use the Store Modernization Ideas in This Issue to Help Other Business Men in Your Trade Area

If retail building material dealers are to maintain a position as recognized authorities on the latest in building design and materials in their communities, they should be there first with the best. By doing an attractive, commendable job on his own sales premises, a retail lumber dealer may start a cycle of business front and store interior changes which will brighten up the entire main business section. It goes without saying such projects are definite assets to trading centers in drawing business from wider areas because of better presentation and display of merchandise, not to mention the increased volume of business that may come directly to the building material dealer.

Many of the ideas and plans suggested in this issue can be utilized by dealers in suggesting modernization programs for all sorts of retail outlets in their communities. Both the exterior and interior layouts can be adapted to a wide range of application.



Builders hardware for homes is displayed in this manner by a successful retailer. Note the comfortable chair where the customer may be seated while making a selection.

Modernization Step by Step

By Sterling B. McDonald
Industrial Designer

MODERNIZATION is a constant undertaking, not every ten years or so but every day; for today is more modern than yesterday. A very large part of modernization is in thinking "how" long with making the best of what is available. We speak of it as good housekeeping, not the chasing of dirt, but the pleasing arrangement of merchandise obviously placed where it will do the most good —associating the harmonious and consistent combinations in such a way that the groups become integral.

There seems no just cause to get into a dither about store modernization all at once. It is simply a merchandising vitamin that has so long been neglected. Without the vitamin, the store will probably live but will certainly grow weaker. The fortunate thing is that the condition is infectious to the customer. She comes into the store attracted only by price and utility.

Carrying the simile a little further, a whole bottle of vitamins taken at once will do no more good than the proper dosage over a period of time. The moral of the story is—don't start ripping through a program just to get it over with—but do have a program.

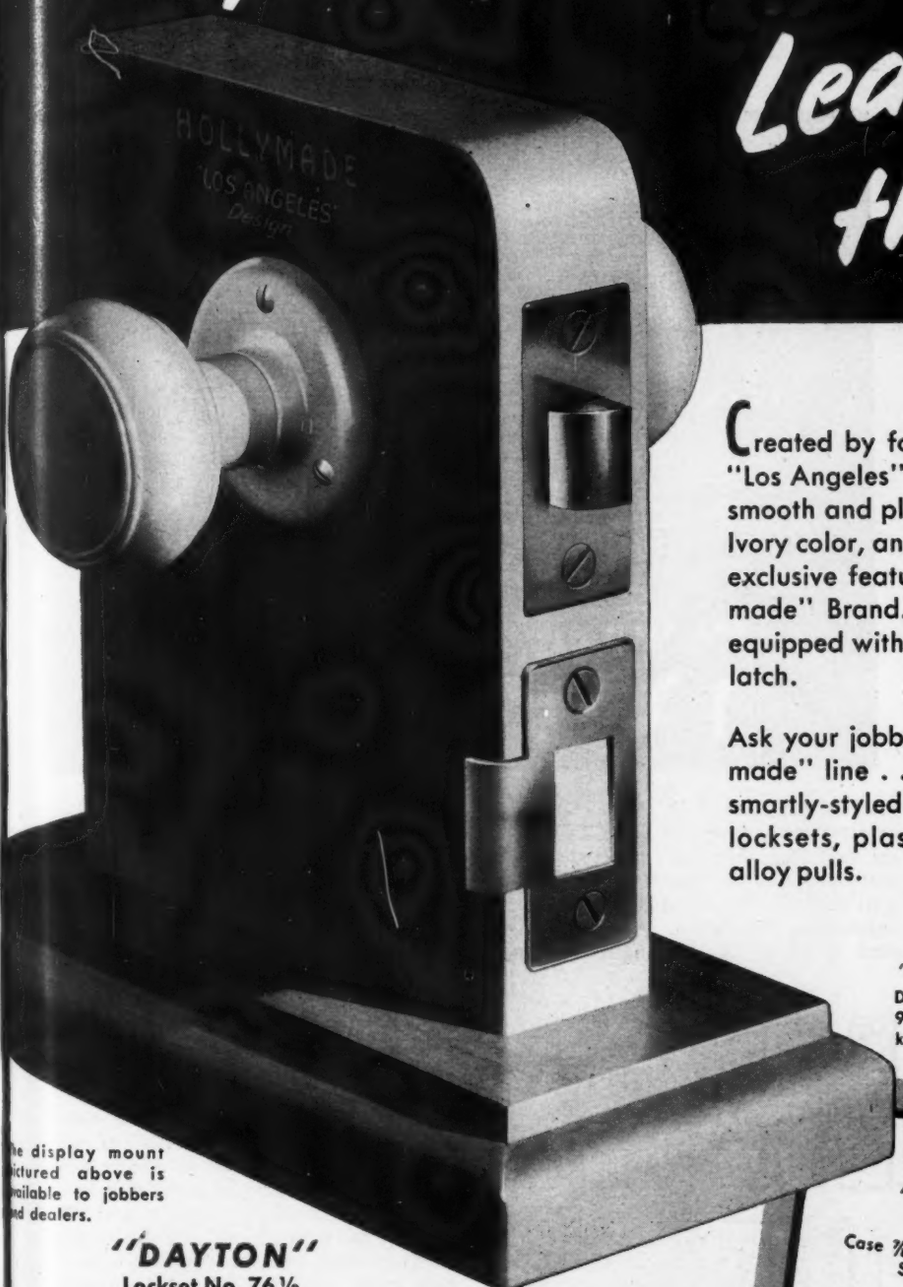
If you feel you should do so, call in some one from the outside who will have the courage to state facts as he finds them, though it might upset some particular dream picture of your own creation. Beware of the traveling salesman's opinion who is trying to "yes" you. He will agree to anything. You might ask an architect, designer, some other dealer, or call a meeting of your own help to go over the whole matter. An outsider will tell you a lot of things to do but you no doubt already know of at least half of them. The other 50 percent has a fair chance of being partly wrong for it is only through experience that the factor of error is lowered.

The WPB does not take too kindly to major store improvements at this time, but that does not prevent you from preparing your plans. There would be no objections to walling up a few windows where necessary to save fuel—and incidentally make better show rooms or complete a requirement preliminary to a new front later on. Neither is there any regulation prohibiting ordinary maintenance and re-

This material has been condensed from a presentation made at the Store Modernization Clinic held in January by the National Retail Furniture Assn.

Hollymade

Lead the Field!



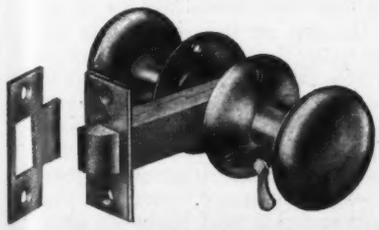
Created by foremost Hollywood designers, the "Los Angeles" knob of tough resilient Tenite . . . smooth and pleasant to the touch . . . is made in Ivory color, and embodies many refinements and exclusive features found only under the "Hollymade" Brand. All "Hollymade" door sets are equipped with the new, easy action steel tubular latch.

Ask your jobber to show you the entire "Hollymade" line . . . America's most popular line of smartly-styled and reliable door knobs, latchsets, locksets, plastic pulls, knobs, and aluminum alloy pulls.

"LOS ANGELES"
Design Latchset No. 9¼ (all plastic 2" knob).

he display mount ictured above is vailable to jobbers nd dealers.

"DAYTON"
Lockset No. 76½

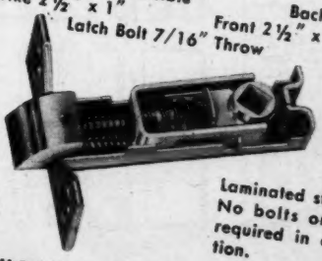


The "Dayton" design is an all steel latchset. The above is equipped with locking lever on inside which locks both knobs. Unlocking device on the outside releases knob in case of emergency.

SIMPLICITY OF CONSTRUCTION ASSURES TROUBLE-FREE LIFE

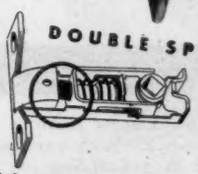
SPECIFICATIONS

Case ⅞"
Reversible
Strike 2½" x 1"
Latch Bolt 7/16" Throw
Front 2½" x 1"
Back Set 2⅜"



Laminated steel face. No bolts or screws required in construction.

DOUBLE SPRING ACTION

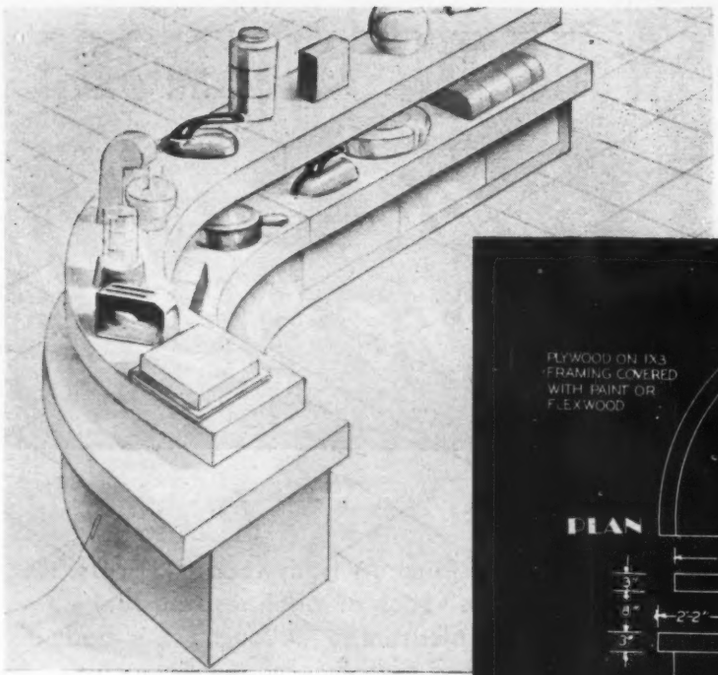


Latch Bolt Easy Spring Gives smooth action when door is closed.

Knob Return Spring Insures positive knob action.

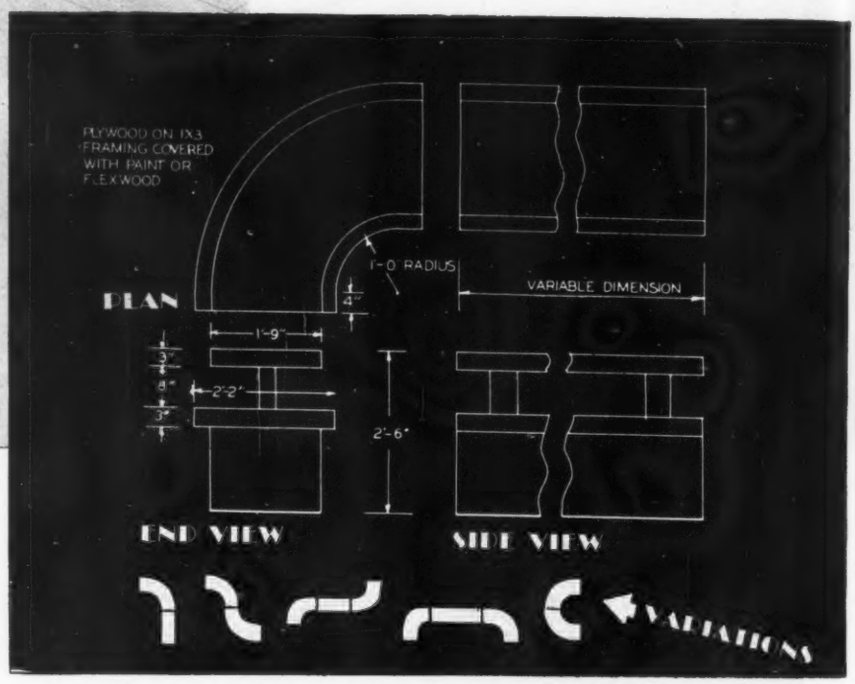
PACIFIC PLASTIC & MFG. CO., INC.

4865 EXPOSITION BOULEVARD
LOS ANGELES 16, CALIFORNIA



Floor counters such as this can add much to the appearance of the store while at the same time providing a vehicle for attractive display. Sectional construction permits varied arrangements on the floor.

Photo: Admiral Corporation



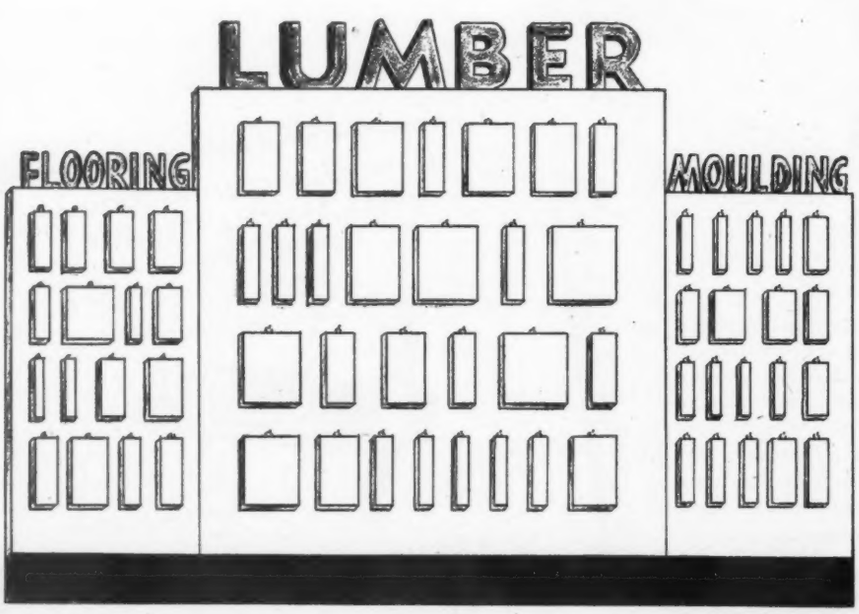
pair. An over-all program would suggest the important repairs or maintenance. Where to tear out, build or paint, which will not have to be done over again later to a pattern you will determine upon.

Color is a very important element of display; either the right or wrong color costs about the same per square yard. A good many dealers are afraid of their own color judgment and from many of the schemes put together in stores, I don't blame them. Some colors are so weak they seem to need braces to hold them on the walls; others are so powerful the foreground merchandise hasn't a chance. Weak or strong colors do not mean lightness or darkness but hue quality. It is more or less true that all colors assort well together provided that space and value are considered. There is also such a thing as clashing colors but this occurs more in tone variety than in hues.

You should want to modernize not because it is going to be the fashion to do so, but the very nature of your business demands it. For the next few years people are going to buy a lot and they are not going to shop from one store to another to save a dollar but they are going to the store that shows by its own decorative treatment that they will get appropriate assistance and service.

Your plans might call for a general overhauling, rearrangements of departments, new front or show windows. A good many of these will have to wait until after victory and the lifting of restrictions. But if you keep putting off the organization of this work you may be out on a very weak limb; for there will be hundreds of big and little store owners of the same thought at the same time and no one to do the work. On the other hand, you can get a lot of the little things behind you and have time to change your mind about many things you thought at first were wonderful.

I know one very progressive merchant who realizes and hopes that perhaps never again will he be so short of merchandise that he could close off one floor at a time to do his modernization. He knows full well that the extensive program of air conditioning, new front, new lighting and major structural changes can not be done at this time but he is going on record with the suppliers that he will be in



This artist's conception suggests what can be done in preparing an attractive wall display for lumber, flooring and mouldings. Such a panel as this in any size desired could be made a major part of interest in a building material store by showing a varied selection of wood species and cuts. Each sample should be worked to show its price per lineal foot. The layout suggested here is very general but can be adapted to fit local needs.

"Here's a sales tip from an insulation dealer in Syracuse..."

Sales-compelling KIMSUL* displays pay off handsomely

Here's a dealer in Syracuse (name on request) who's capitalizing on the eye-appeal of the KIMSUL package. He's found that attractive, sales-compelling displays are easy because the smartly-designed KIMSUL package is so clean, light and compact. In the days before KIMSUL, effective insulation displays employing the actual package were just about unheard of. It was hard to build a good display around loose, bulk insulations. Today, the KIMSUL package and *tested* display materials supplied by Kimberly-Clark open up a whole new field of attractive insulation merchandising for you.

And they will do the same for you!

KIMSUL displays are making money for KIMSUL dealers all over the country! They're selling home owners on KIMSUL insulation... not just any insulation, but *many-layer* KIMSUL! Their story of the economy, comfort, and easy installation of KIMSUL is hard to resist. Any KIMSUL dealer may have these display materials *without cost,* plus complete promotion materials. Write today for details to

Kimberly-Clark Corporation, Neenah, Wisconsin

**KIMSUL (trade-mark) means Kimberly-Clark Insulation.*

National advertising backs up your KIMSUL display

More people are answering KIMSUL national advertising than ever before. Over 90,000,000 advertising messages in 1945 are pre-selling your customers on insulating with KIMSUL.

KIMSUL INSULATION

A PRODUCT OF Kimberly Clark RESEARCH

the market for their materials, getting estimates and plans. He is far sighted enough to plan around the things he can't do now and do that part that can be done without interference with the other work. He is tearing out partitions and backgrounds, bricking up some windows, painting, and generally getting ready. At least so far as the interior is concerned the main mess will be pretty well cleaned up.

An outside designer should not attempt to decide on certain aspects of rebuilding without going into them thoroughly. For example, whether or not to close off the show windows with permanent backs; for this course of action depends upon the trade, location and traffic. If the show window is very often used to sell from, it would seem unwise to close it off. The most brazen of us feel like a gold fish in a bowl as soon as we step into a window with fixed backs. This feeling of being an exhibit on display does not occur if the window is a part of the main floor. A store with a 25 or 30 foot front but with wider areas on the second or third floors might be better off keeping the windows open and treating the first half of the store as window display. On the other hand permanent backs do make possible better window trimming and help the interior of the store by shutting out the daylight and street views.

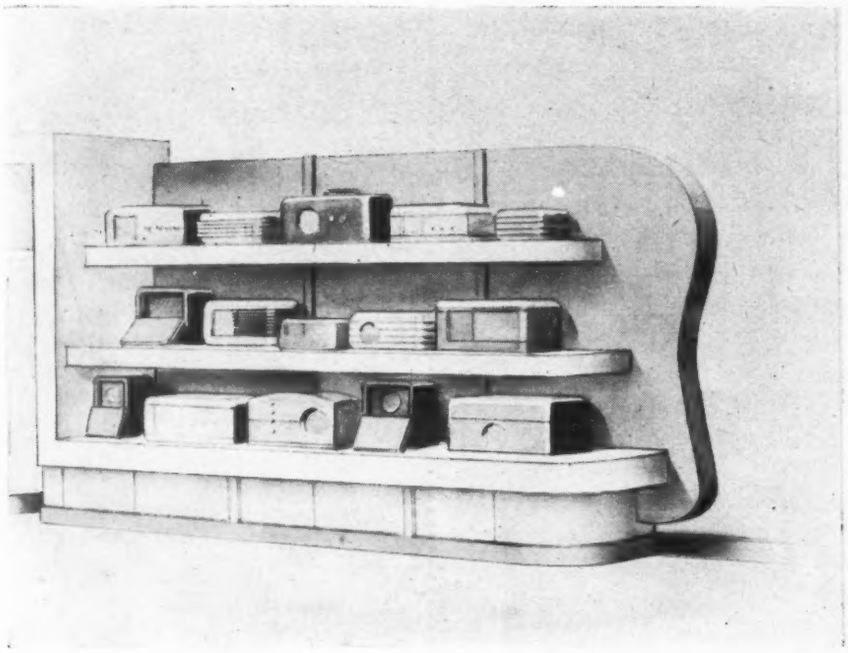
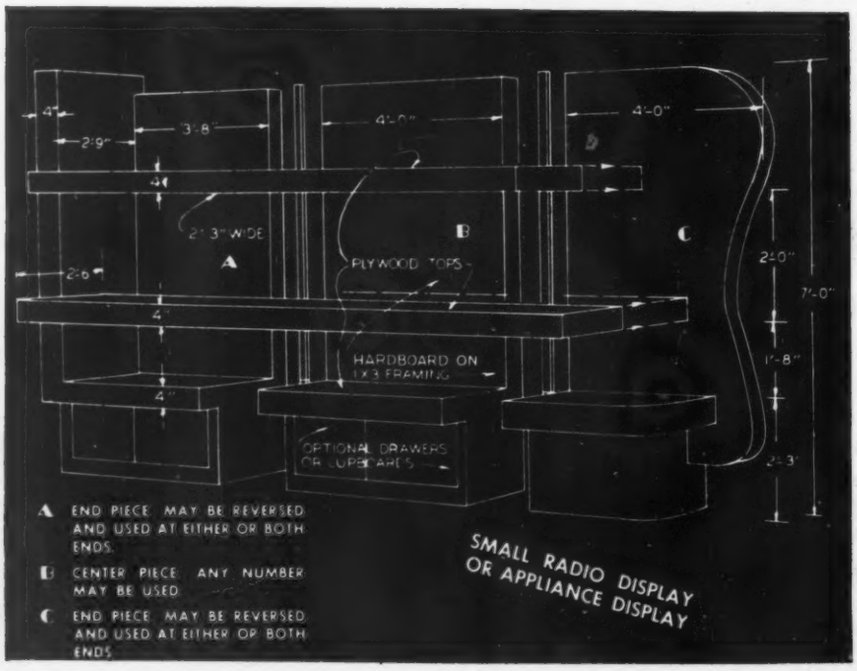
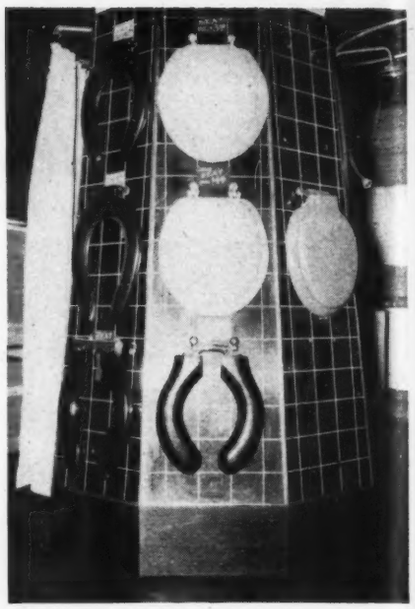


Photo: Admiral Corp.

Where retailers stock small appliances, tools or other items that lend themselves to floor display, a sectional shelving arrangement such as this will simplify the problem. Built in sections, the layout on the floor can be varied as the need arises.





Where there are center posts in the sales room, they can be built up into fine vehicles for display of merchandise. One dealer who sells bathroom equipment used one of his center posts for this display.

No one person has all the answers on store design. Get as much information as you can about lighting, material, paints, windows and plans. Then when you are ready to get your work organized, talk to someone about coordinating the whole. Give the job to one person—an architect, designer, contractor, or someone in your own organization; otherwise the job would likely be unbalanced. Favor would be given to one phase. There are also the departmental specialists to consult with.

Try to see your store for the first time as a stranger would do. Take notes on what you think should be done to make your place more attractive, convenient, and up-to-date. You will probably find that you can be a pretty good designer; and don't forget that no matter what the structural condition of the building is, you and your men can be good housekeepers. Without spending a cent, you can improve the appearance. Many good designs are often ruined by poor workmanship. First, be sure you have a good idea—then have it executed by some one who might be able to improve it.

Steadily mounting *PINE Sales *in All Markets!*

Thorough knowledge of Southern Pine, from timber-lands to the ultimate user — equally thorough knowledge of markets, market-conditions, supply and demand; place Georgia Hardwood Lumber Company in admirable position to serve *better* wherever Southern Pine is the subject.

A tremendously large volume of this superb wood from its own mills throughout the South; and from mills who saw Pine to GHL standards — make Georgia Hardwood Lumber Company a recognized authority on markets, distribution and production of Pine. The Southern Pine Department of this company keeps up with production the country over; with supply and demand the *world* over.

The extremely efficient organization of the Pine Department, coupled with the other equally efficient departments of this organization, make Georgia Hardwood Lumber Company a good company to do business with.

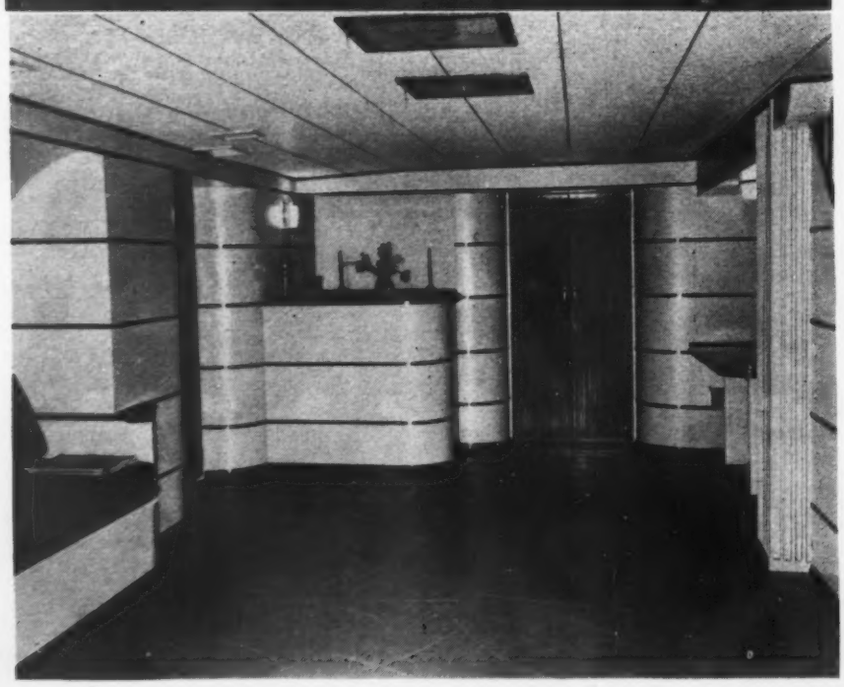
SALES DEPARTMENTS

HARDWOOD SALES
✡ SOUTHERN PINE SALES
EXPORT SALES
CYPRESS SALES
RAILROAD MATERIALS
PLYWOOD & VENEERS
PACIFIC COAST WOODS

GEORGIA HARDWOOD LUMBER COMPANY

New York AUGUSTA, GA., U. S. A. Washington

A Guide TO THE POSTWAR HOME



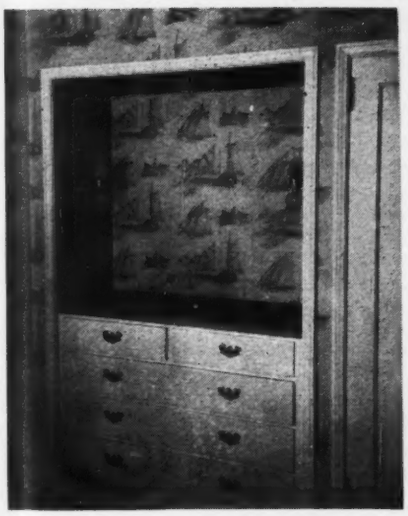
BUILDING MATERIAL dealers of the nation have been bombarded for months with estimates as to the probable postwar home building volume. They have listened to it from speaking platforms, they have read it in their trade papers and in the public press. Conflicting estimates have caused considerable confusion. No one knows just what to expect. Truth of the matter is—no one can say definitely what the picture will be because there are too many unknown factors that must take shape before any accurate estimate can be made.

In making any appraisal of a home building market, a sharp distinction should be drawn between the need for homes and the ability of residents of a community to pay for the satisfaction of that need. Secondly, a house represents a capital investment which the owner expects to enjoy for a large part of his life. Third, the purchase of a home is a postponable investment. The present home can be continued in use or the lease on the house or apartment can be renewed and the prospective home builder waits another year.

Attitude of Labor Important

Even according to the most conservative estimates on postwar home building, however, there is a tremendous pentup demand for new houses. The percentage of this pentup demand that can be satisfied will depend on the availability and cost of building materials and the labor situation. If one can be permitted to judge by past experience in the industry, it must be remembered that home construction flourishes when prices are advancing and not when they are dropping. In any consideration of the postwar home building market, it is safe to assume that the number of houses to be built immediately after the war will depend very largely on the availability and attitude of labor, whose leaders can bring about a long period of prosperity or nip the boom in the bud.

Another mass bombardment that rings in our ears daily concerns the type of mass-market home to be built in the future, as well as the materials to be incorporated into that rial to be incorporated into that home. It is doubtful if there was



More built-in features to supplement furniture are definitely in the picture in plans being made now by future home builders. The jobs illustrated here were constructed of Douglas Fir Plywood.

ever a time when so many crackpot ideas were being advanced concerning the building of houses and other structures. Too many of the theorists merely condemn with few offering suggestions as to how present methods can be improved. Considerable of the criticism is well founded, but it is not possible to wipe out all old established methods overnight any more than it is possible to build the 1960 model car in 1945. The changes will continue to be evolutionary rather than revolutionary.

Prefabricated Housing Problems

There continues to be much talk of the part the prefabricated house will take in the postwar market. There are those who claim that lumber dealers are about to lose this market to prefabricators who are entering the field. The seriousness of this threat is undoubtedly overemphasized, but the fact remains that some of the largest concerns in the nation

The trend is now toward elimination of a wall separating dining space from the living space. Here is illustrated the use of sectional furniture in dividing one room into living and dining areas.

are already engaged in the business.

A casual glance at the prefabricating house industry reveals there are still plenty of problems involved in the whole subject. Profitable distribution depends on large, concentrated markets. It is not claimed by the majority of prefabricating companies that they will be able to compete with the local builders for the occasional home built to order in the smaller cities and towns. There is not enough difference between the cost of the two types of houses to make it profitable for the prefabricator to go after such business, although there are hopeful enthusiasts who insist there are no geographical limits to their activities. An order for several hundred houses all built alike is one thing, while an order for one custom-built house is something entirely different. Furthermore, the quality of war housing will not satisfy postwar home builders.

Under such circumstances the prefabricators must look for their business in the cities where the most homes are being built and that brings up the question of the attitude of the building craft unions. Will they refuse to handle the installation or assembly job without insisting that first the local members of the various approprite trades dismantle the plumbing, the wiring, millwork units, etc., and reassemble them on the site? There are many other problems in connection with prefabricated housing which space limitations do not permit the discussion of here. Unquestionably prefabricated home building is in the air, but the activity still has many a high hurdle to leap before the claims of its enthusiasts can be established.

Trends in Design

What are the trends in home building design and construction? There has been very little except war housing constructed during the last three years, consequently there are no trends among actual home builders on which to base opinions. They must be garnered from late prewar trends and the minds of those planning to build when materials and labor are available.

Research and surveys reveal a marked trend away from the intention to buy or build homes in the large cities. A preponderant majority of persons employed within large cities will build in suburbs or in the country surrounding the cities. This fact has an important bearing on the design of homes to be occupied by "city" families. A tremendous potential home remodeling market exists within the limits of cities because of the preponderance of old houses there. In a recent survey compiled by an American Lumberman staff member and the Small Homes Guide, it was revealed that more than three times as many persons will remodel city homes as will build new homes in cities.

New homes in the postwar period will be much better designed to take full advantage of the modern elements in better building materials and equipment. A few innovations in materials are evident, but primarily future homes will incorporate more efficient utilization of the present materials. An almost universal appeal is for homes better built to save maintenance costs and at the same time to be simpler and more functional.

Trend Toward Built-in Features

The public is by no means sold on the socalled "modernistic" type of architecture. The enduring, accepted styles in improved versions of conventional architecture will continue to dominate, at least in the early postwar years. Home interiors, however, will undergo more radical changes with a marked increase in built-in features to supplement furniture. Though a full basement under the home continues in strong favor there is a marked trend toward the first-floor utility room. From opinions rendered by prospective home builders, it is obvious that there is a strong increase in the number who feel the need for a room in the home devoted to a hobby, recreation or work space of some sort.

The contention, so long maintained, that spaces such as the living room, dining room and kitchen should be cut up into separate cubicles separated by full walls and doors in the home is fast going by the boards. Living and dining room spaces especially are being blended more and more into a single unit.

Larger glass areas admitting more light are gaining in popularity, especially since thermal glass installations and more efficient heating will compensate for the heat loss which would ordinarily occur with such a setup.

Sliding doors in some spots in the home are well liked by prospective home builders, especially for the kitchen where a swinging door very often takes up badly needed room when it stands open, as it does most of the time.

A trend in bathroom design that is noticeable is aimed at permitting more than one person to occupy it at the same time, such as a separation of the lavatory and bathtub or shower from the stool area by a partition or sliding door.

Insulation is a "must" in the postwar home in most regions of the nation, especially in the climates where extreme temperatures prevail.

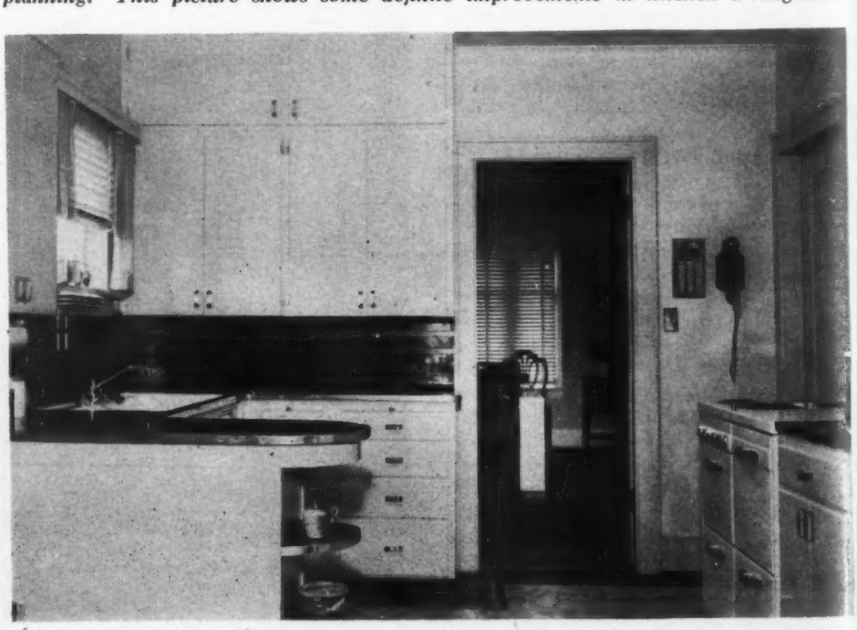
One and One-Half Story Popular

There is a marked preference among those requesting house plans for the one and one-half story type of home, especially for younger married couples expecting to increase the size of the family. They hope to utilize the upper half story for extra bedroom space if needed. Too much emphasis cannot be placed on the advisability of providing plenty of closet and storage space throughout the future home, and, of course, large attics easily accessible can be a definite asset to homes desired by a large segment of prospective purchasers.

With more and more methods to utilize electricity becoming available, the electrical wiring, switch and outlet arrangement in homes to be built after the war will be of prime importance. There is a strong trend toward more scientific indirect lighting, more dual switches, outside outlets and a master switch near the outside entrance so that its use will assure the homeowner there are no lights left burning when no one is in the home.

Developments in heating and air conditioning equipment to be available for future homes were discussed in the March 17 issue of American

More consideration for the housewife, as well as appearance, is a must in future kitchen planning. This picture shows some definite improvements in kitchen arrangement.



Lumberman. Briefly, the trend is toward more compact, more efficient units operated automatically. Year round indoor temperature regulation is coming fast and any home layout for the future should take into consideration the possibility of installing air conditioning equipment, either at the time the home is being built or later.

"Pet Peeves" to Consider

In any discussion on home building it is always well to restate some of the ever-recurring "pet peeves" that home owners and occupants constantly talk about when viewing home construction objectively. They include poor room layout, inadequate closet space, lack of careful planning and consideration for the housewife in kitchen layout, lack of sunlight, inadequate ventilation, faulty construction, wasted space, rooms too small, poorly fitting doors and windows, windows too small or arranged in a poor manner.

Out of the millions of written and spoken words on future home building, one prominent Ohio retailer came forth a few months ago with a statement which is filled with food for thought and plenty of suggestion for action for all retail building material dealers. He said:

One Dealer Says:

"We believe, and always have believed, that home construction is crying for improved materials and improved methods. We know that refinements and improvements will come, but they will come slowly. They will come by evolution, not revolution.

"Listening to the Jules Vernes of press and radio, we are led to believe that this 'Dream Home,' this precast, plastic thing of push button efficiency, is now ready to pop off the production line like lead from the muzzle of a tommygun. If this were true . . . Goodbye Lumber Yard!

"We have no quarrel with dreams, or dreamers, as such. Neither do we confuse them with forward looking planners and technicians from whom all new and better things in our industry must come. The trouble is, an impatient public wants to believe in miracles. What is recognized as a dream by the few will be accepted as an accomplished fact by the many.

"You may say: 'Why get excited? Let 'em dream.'

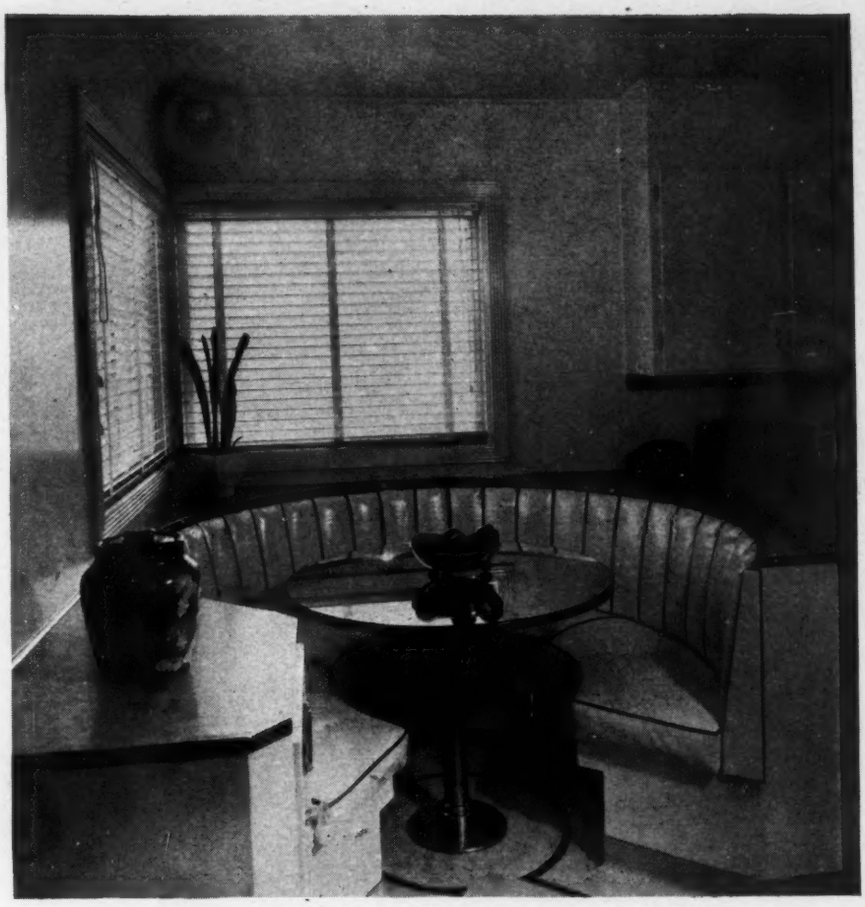
"Unfortunately, promoters, playing on public reaction to this propaganda, already are launching stock selling schemes for 'Dream Home' fabrication. Some may be plausible, but some are schemes which would make wildcat oil stocks and salted gold mine certificates look like cash in the bank.

"Furthermore, one of these happy days we will forget about 'housing' and begin to think about homes. Certainly hours cannot profitably be spent explaining to a disappointed and disillusioned public they have been grossly misled.

"The public is entitled to know all the facts and the time for education is now. Large manufacturers in our industry have taken the lead and are preparing campaigns to combat the 'dream' home propaganda.

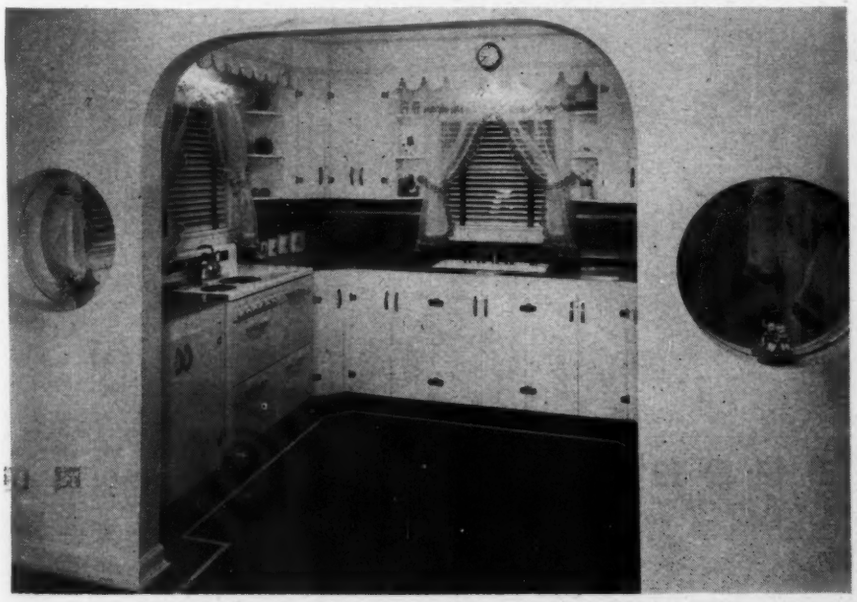
"Certainly, as dealers, we appreciate their help. But, after all, the danger is ours and the responsibility for such education in our individual communities lies with us.

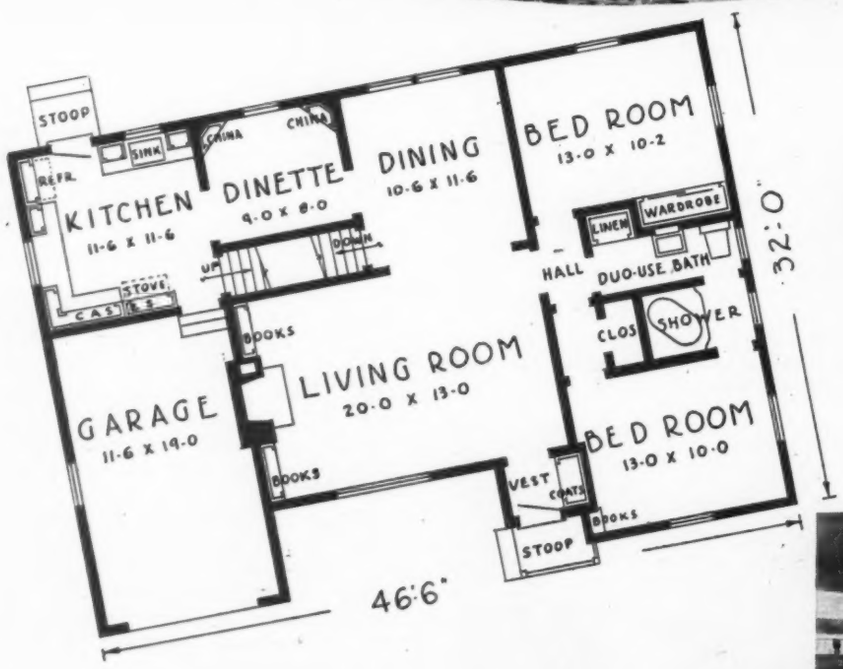
"Start the campaign today . . . the time is short."



A smart breakfast corner such as this to be part of a kitchen is a popular feature in many plans made for future homes.

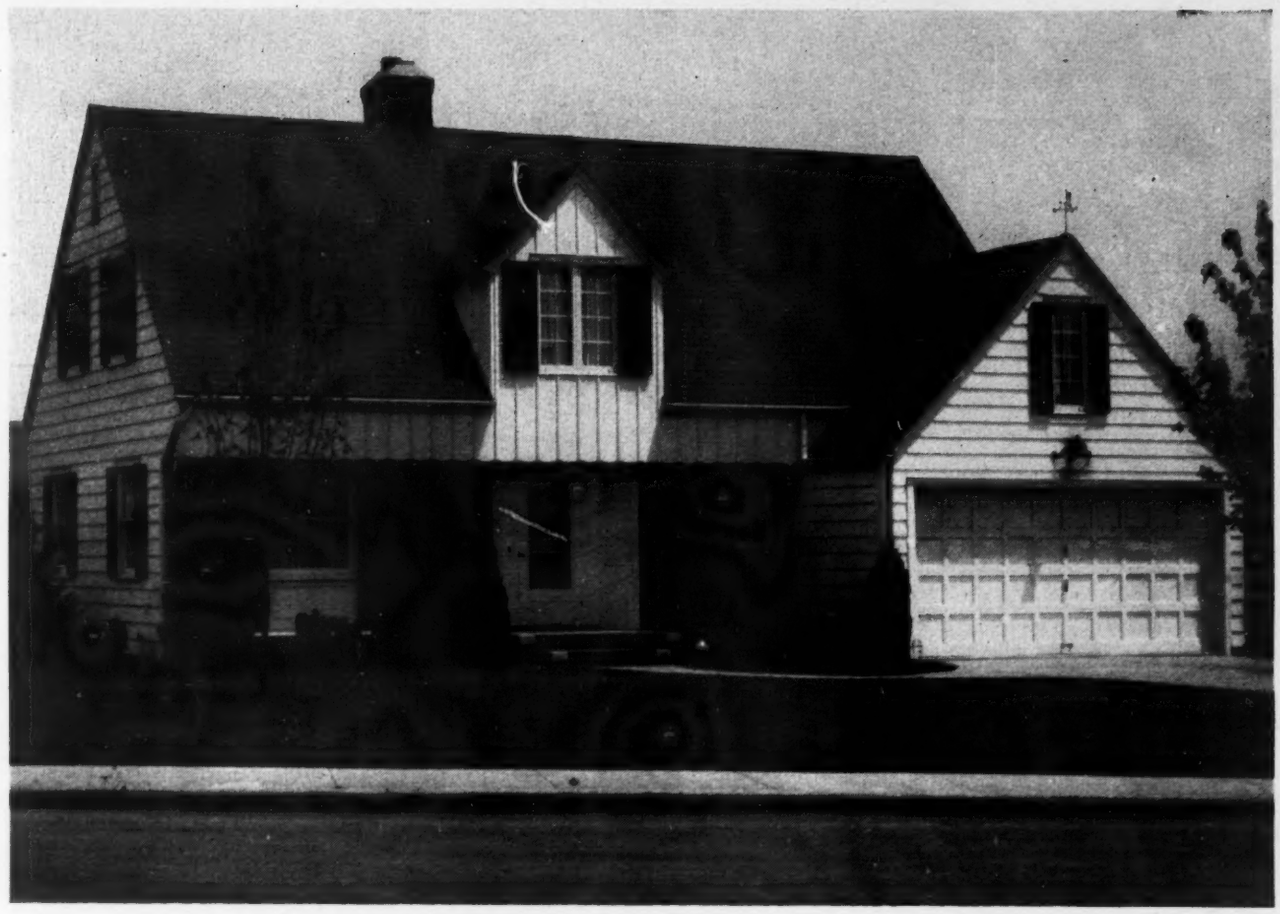
An illustration of one of the newest kitchens — compact, neat, and attractive. There is no revolutionary change, for the "revolving, push button" kitchen is still in the hands of the dreamers. Douglas Fir Plywood was used in the two jobs on this page.





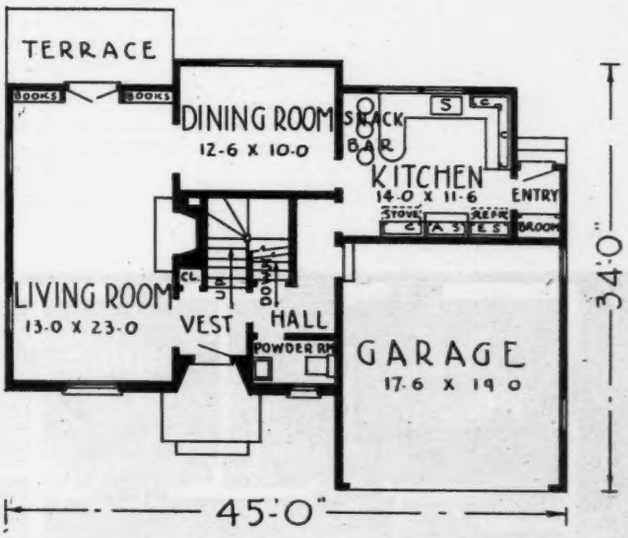
House Plan No. [illegible]

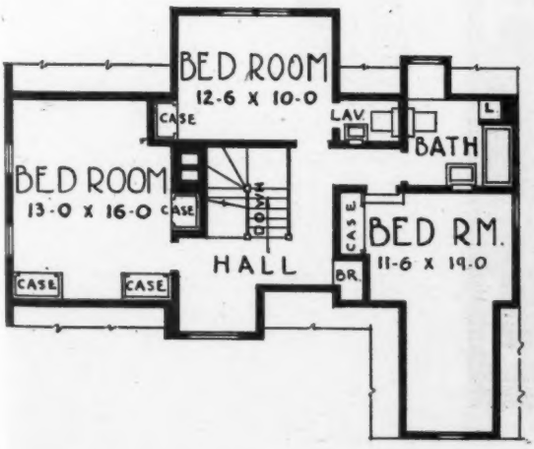
27,750 Cubic Feet



House Plan No. 642

[illegible] Cubic Feet





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House Plan No. 682

15,000 Cubic Feet

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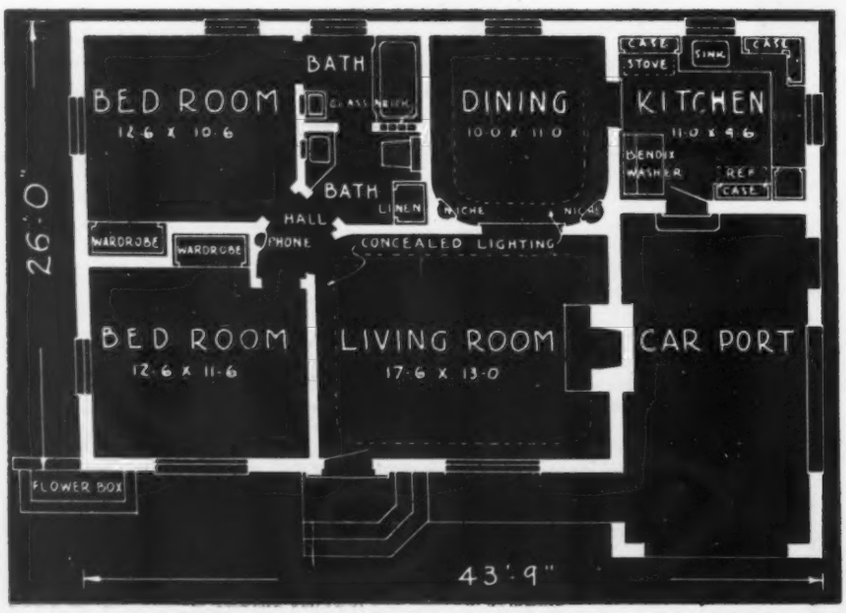
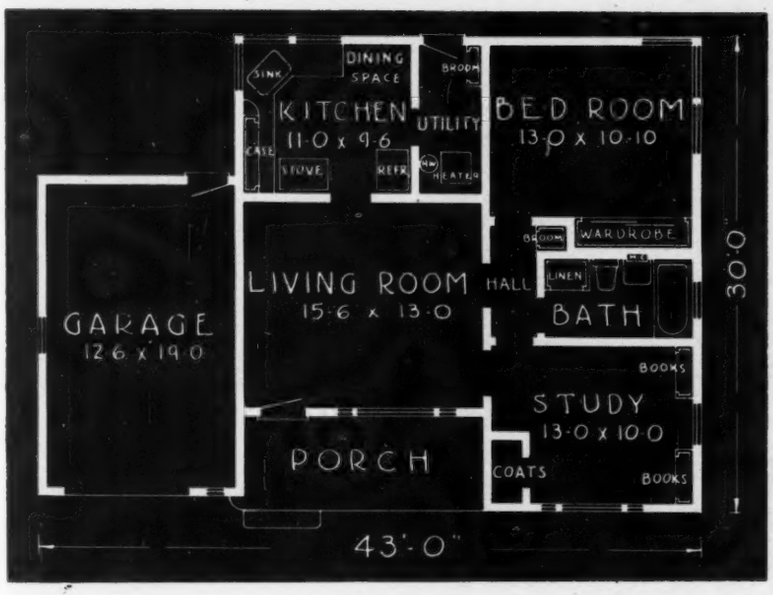
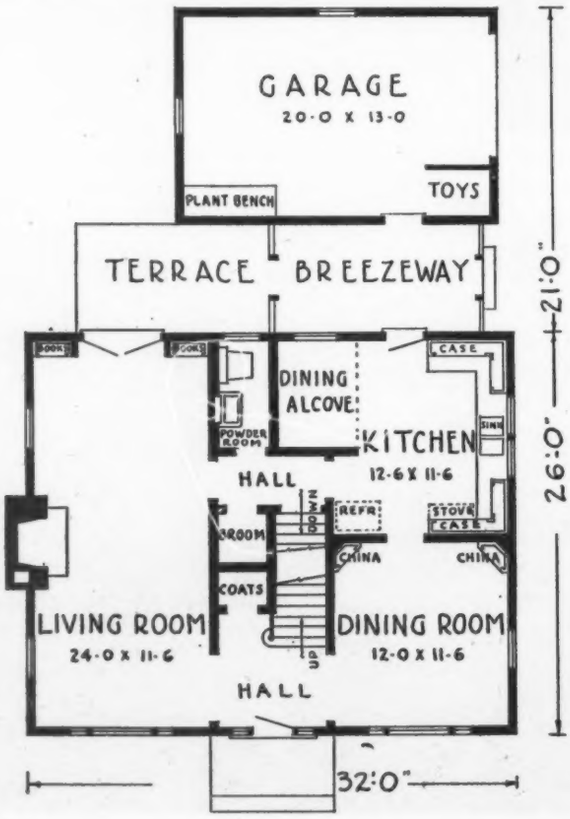




House Plan No. 644

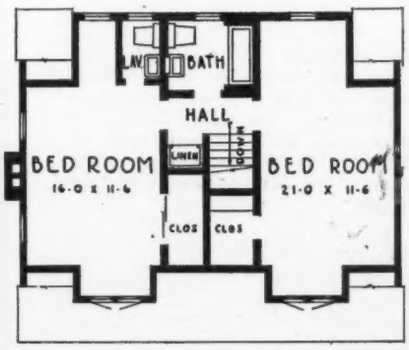
14,340 Cubic Feet

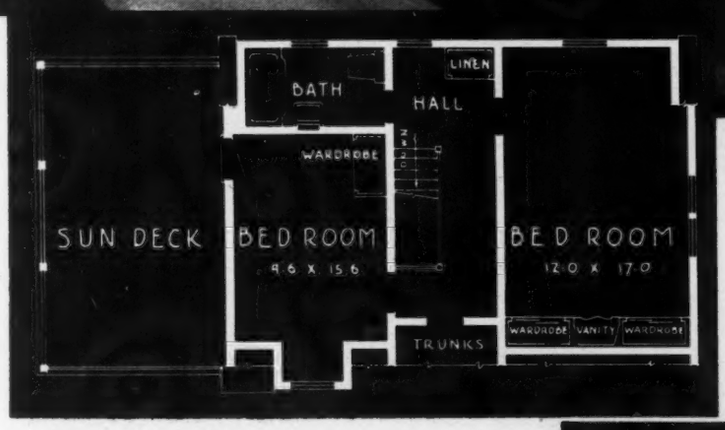
This house plan calls for a bedroom similar to this one in an ultramodern home in Spokane, Wash. It features plywood walls and ceiling attractively papered. Ceiling is blank stock, while walls are paper over ¾ pound building felt. The smoothness of the plywood makes possible an almost perfect papering job.

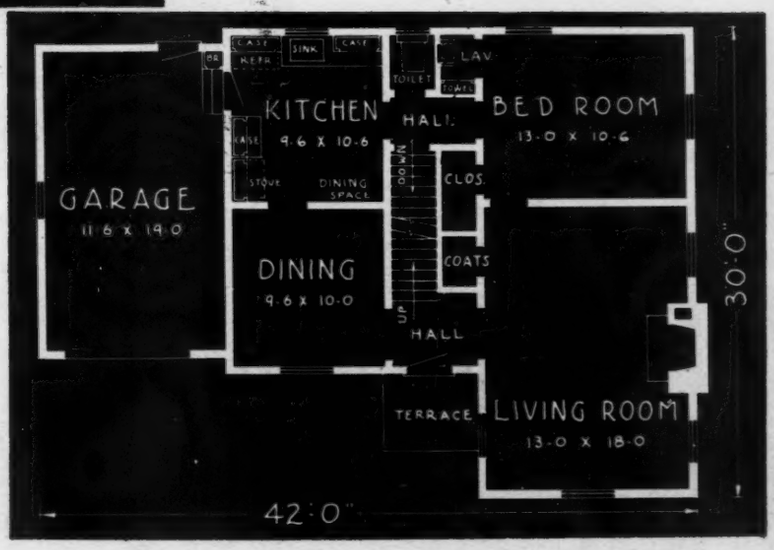


House Plan No. 656

24,000 Cubic Feet







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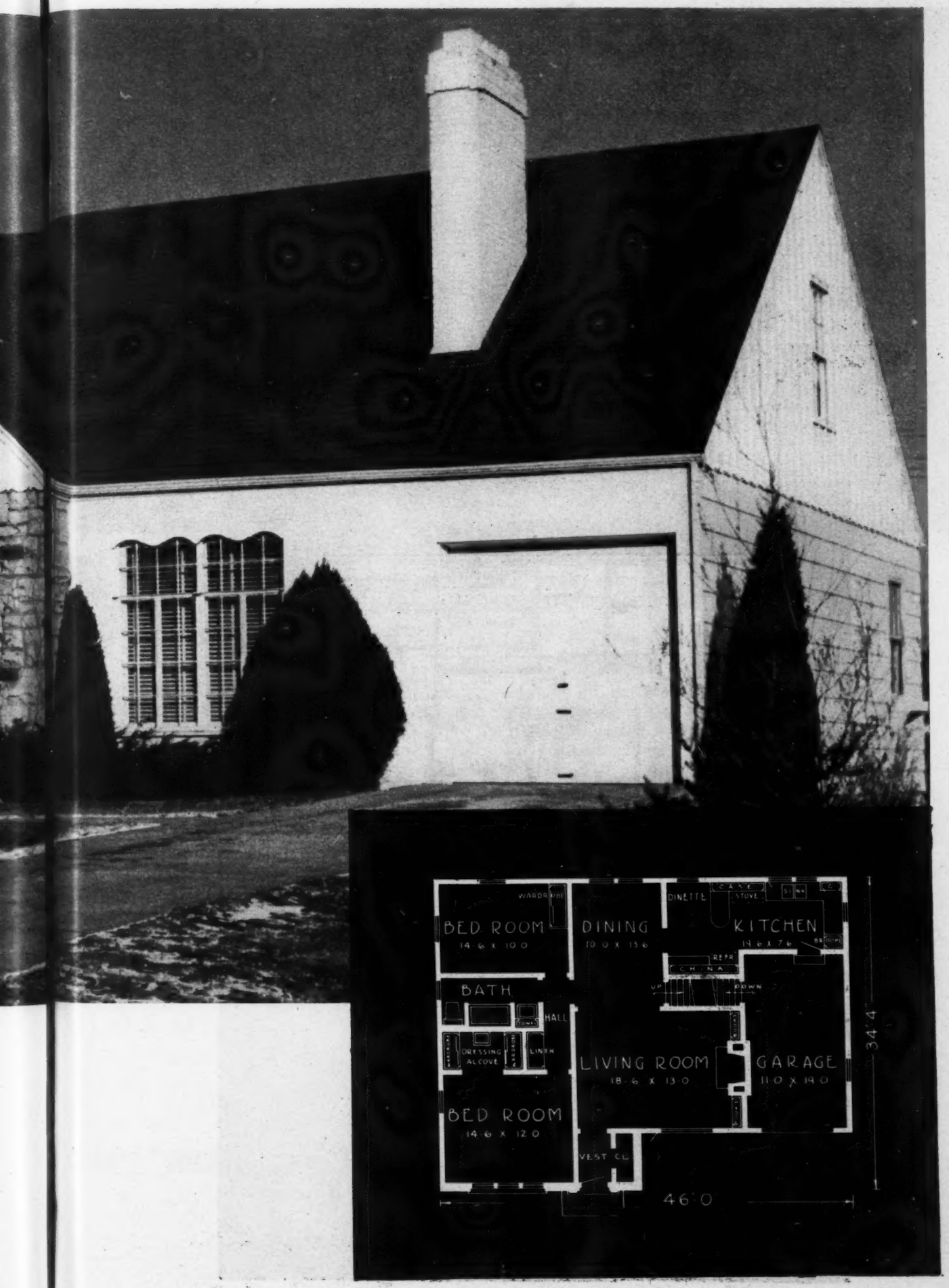
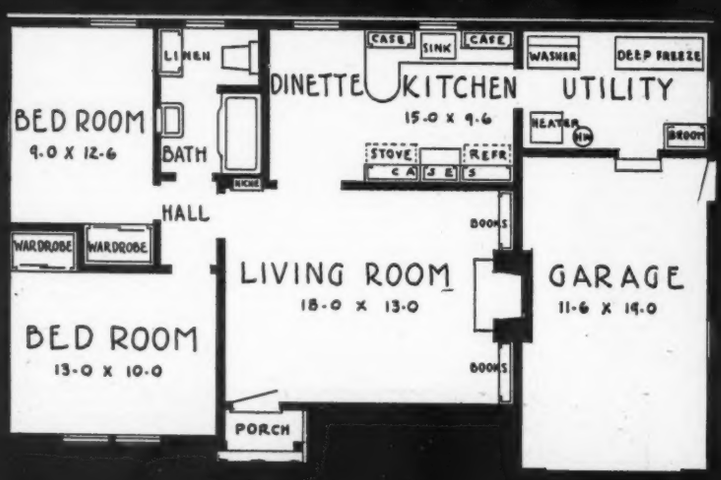
House Plan No. 648

28,000 Cubic Feet

For the Family Minded Couple

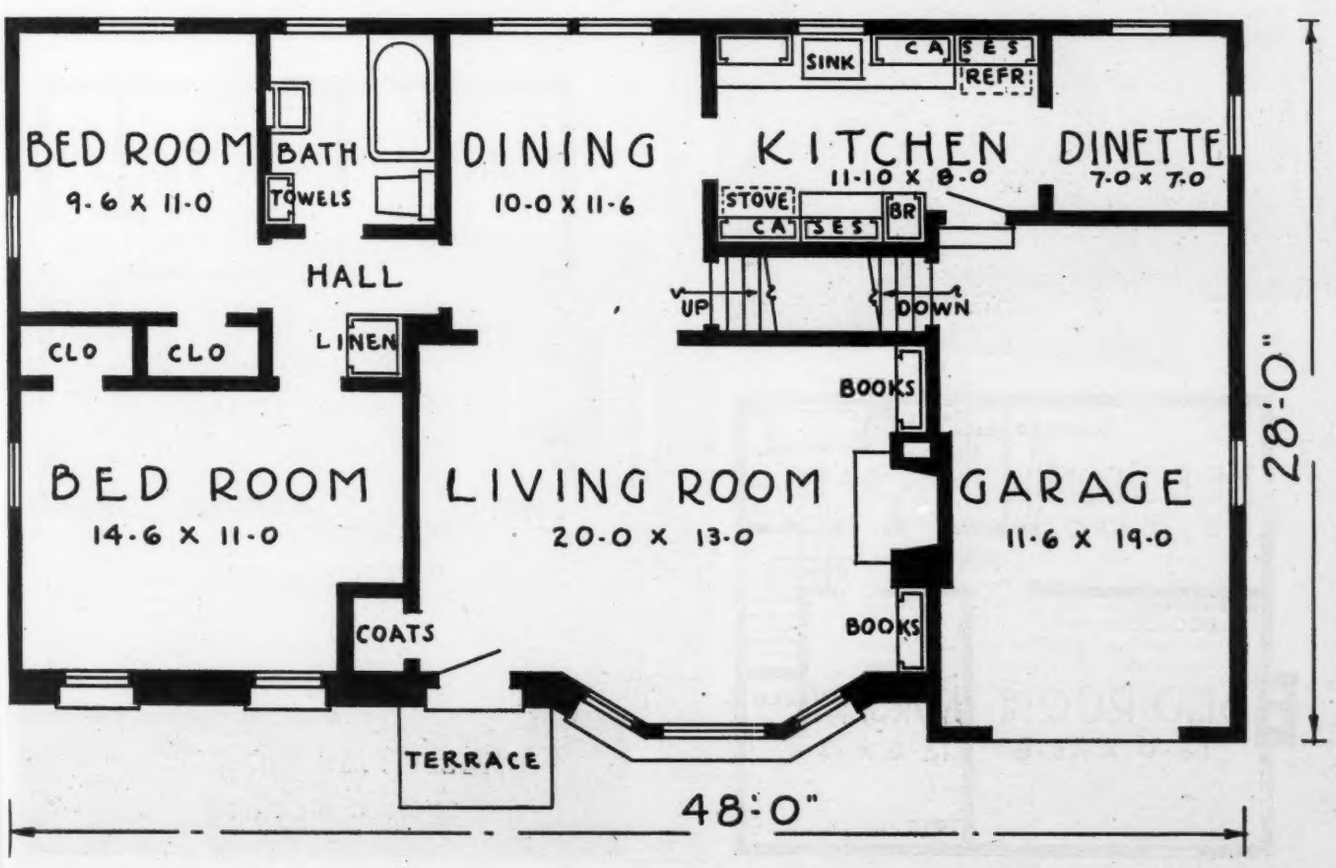
Small Enough for Today--
Large Enough for Tomorrow


WARDROBE
BED ROOM
14·6 X 10·0
DINING
10·0 X 13·6
DINETTE
GAS
STOVE
SINK
KITCHEN
14·6 X 7·6
BROOM
REFR
CHINA
UP
DOWN
BATH
TOWEL
HALL
DRESSING ALCOVE
LINEN
LIVING ROOM
18·6 X 13·0
GARAGE
11·0 X 19·0
BED ROOM
14·6 X 12·0
VEST CL
46·0
34·4

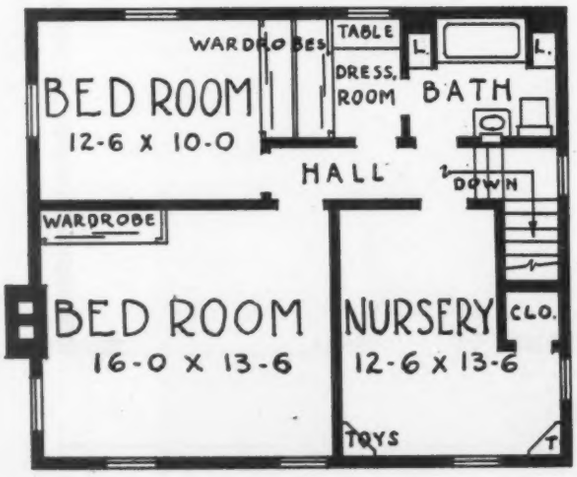

LINEN
CASE
SINK
CASE
WASHER
DEEP FREEZE
DINETTE
KITCHEN
15-0 x 9-6
UTILITY
BED ROOM
9-0 X 12-6
BATH
NICHE
STOVE
REFR.
CABINETS
HEATER
HW
BROOM
HALL
BOOKS
WARDROBE
WARDROBE
LIVING ROOM
18-0 x 13-0
GARAGE
11-6 X 14-0
BED ROOM
13-0 X 10-0
BOOKS
PORCH

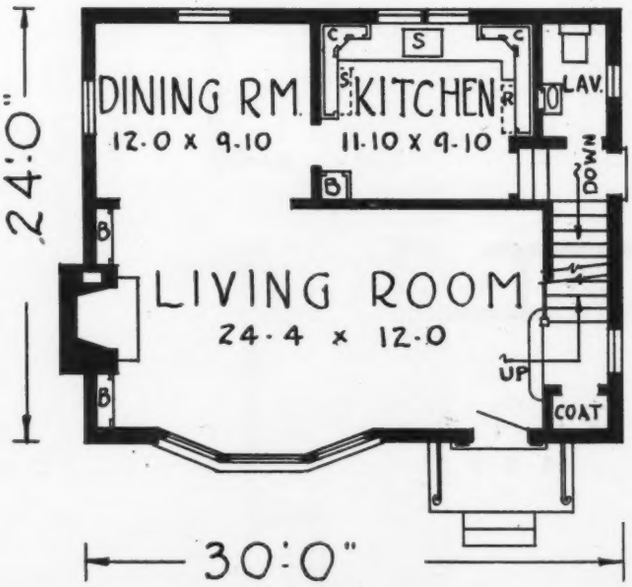
House Plan No. 672

26,000 Cubic Feet



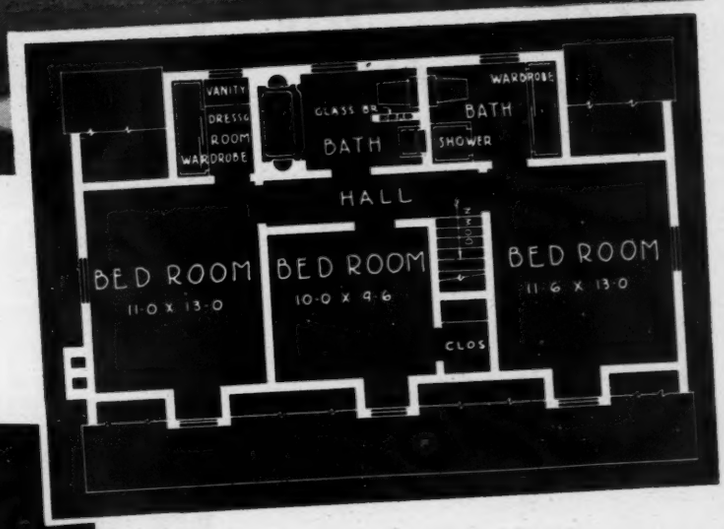
This built in wardrobe is far superior to an ordinary closet. Sturdily made of attractive Douglas fir plywood, it has a place for everything and makes it easy to keep clothes in order.





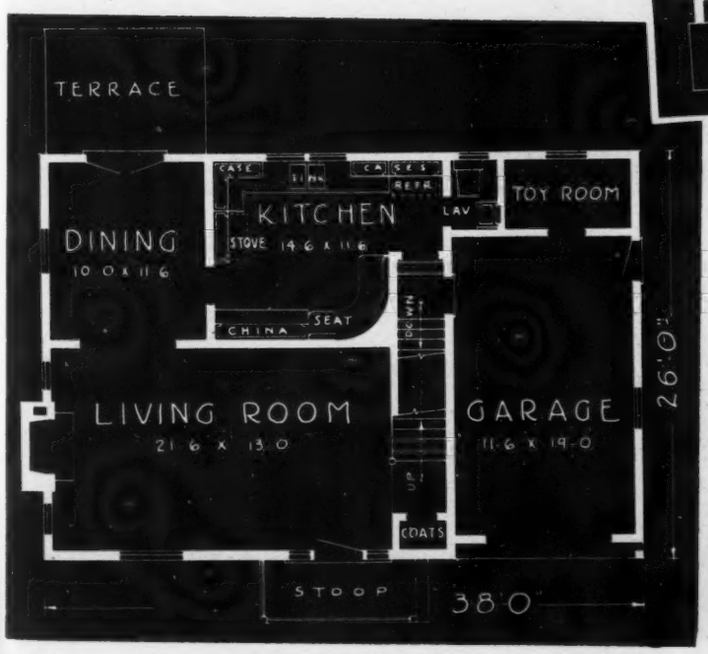
House Plan No. 638

[illegible] Cubic Feet



House Plan No. 670

22,150 Cubic Feet



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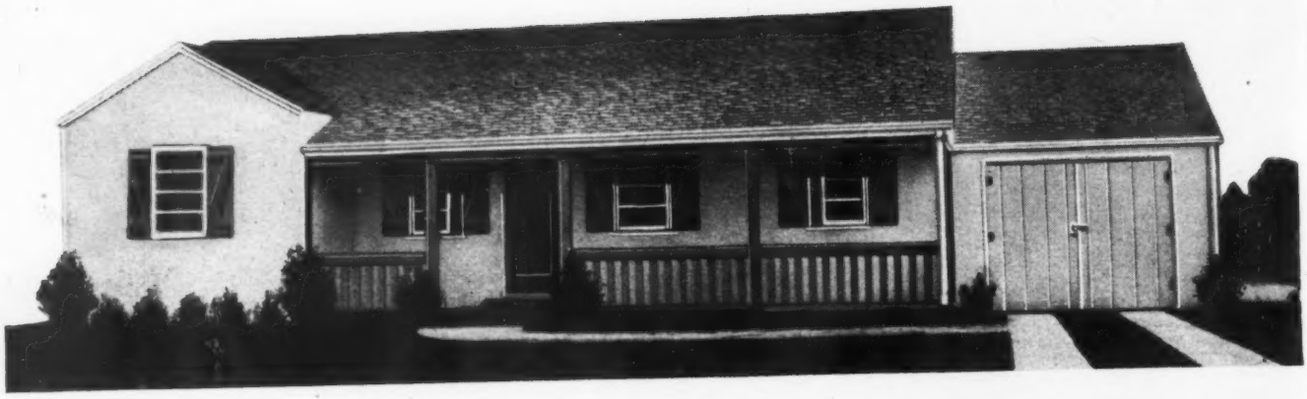
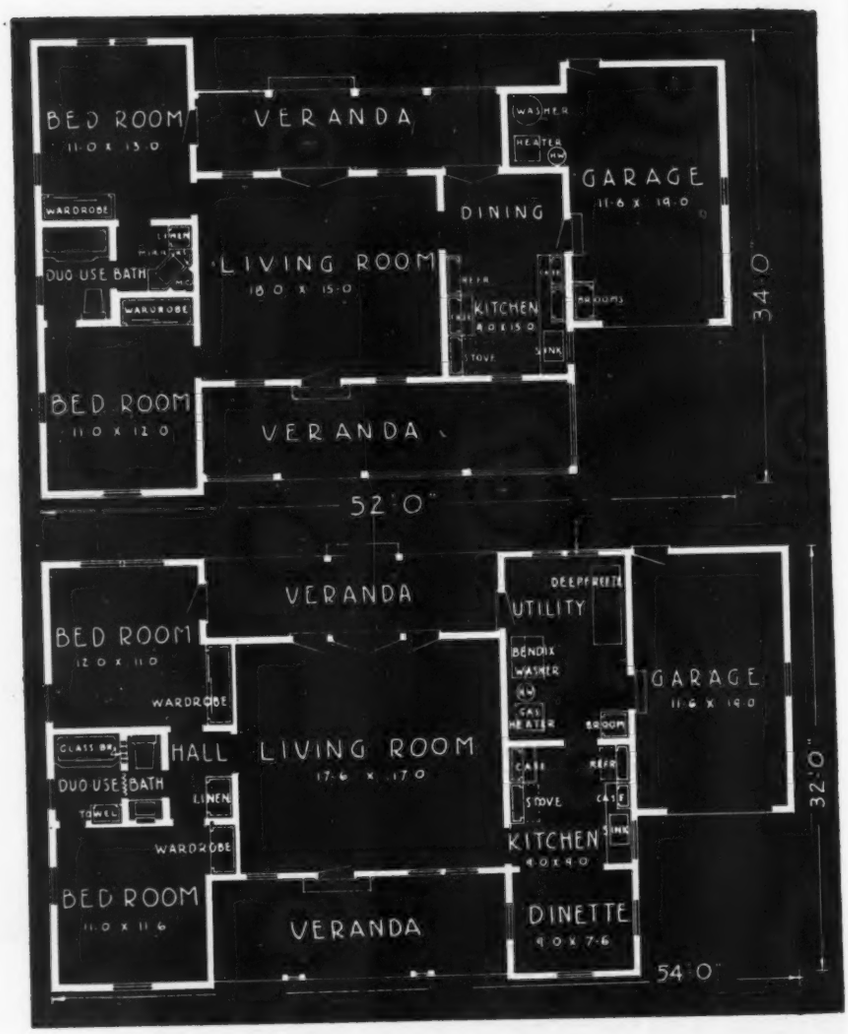


House Plan No. 676

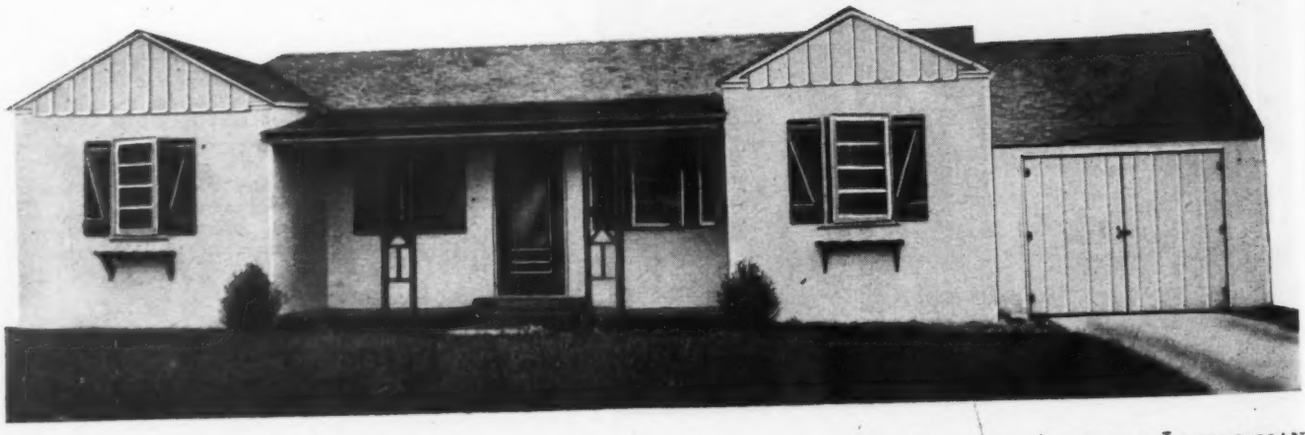
13,900 Cubic Feet

El Rancho



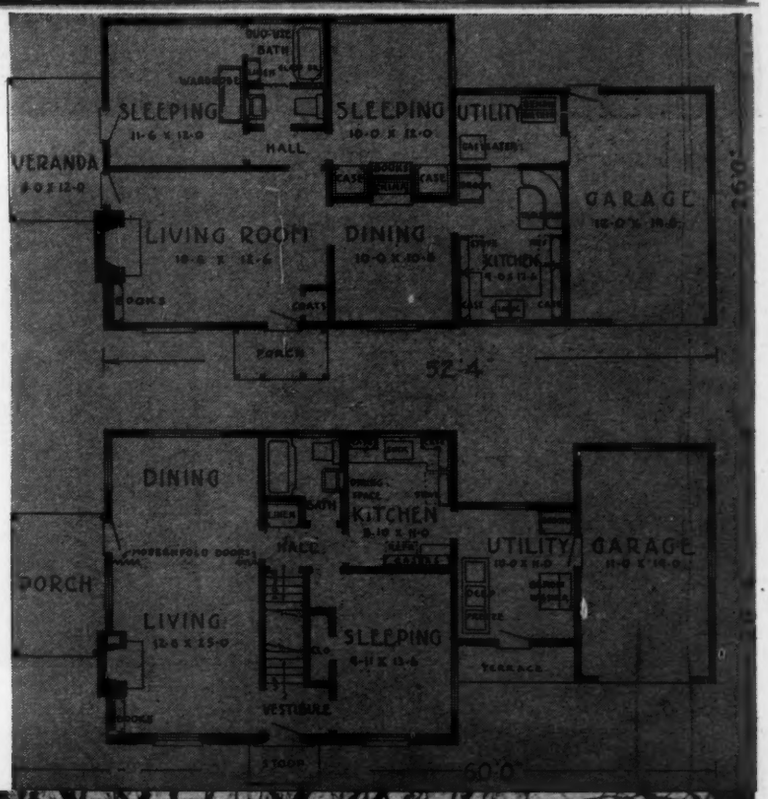
House Plan No. 668

17,500 Cubic Feet



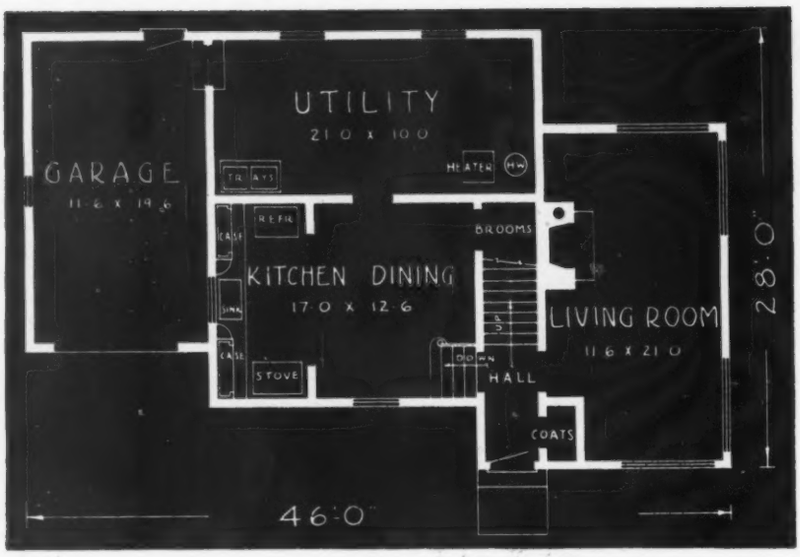
House Plan No. 666

16,200 Cubic Feet

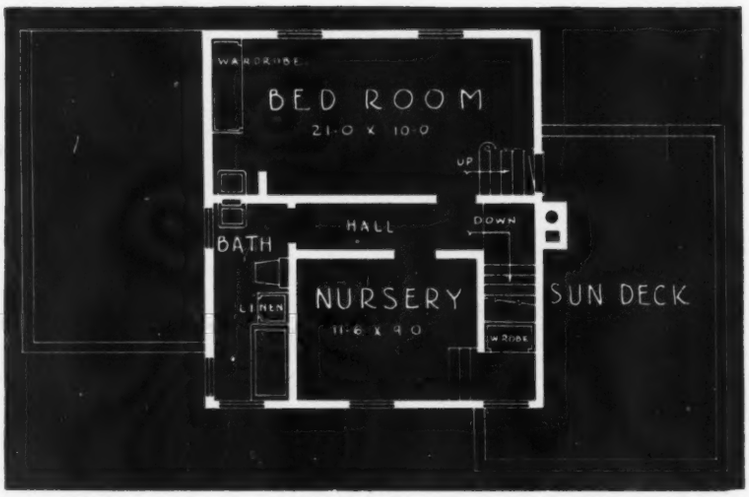


House Plan No. 684

20,400 Cubic Feet



House Plan No. 646
15,300 Cubic Ft.



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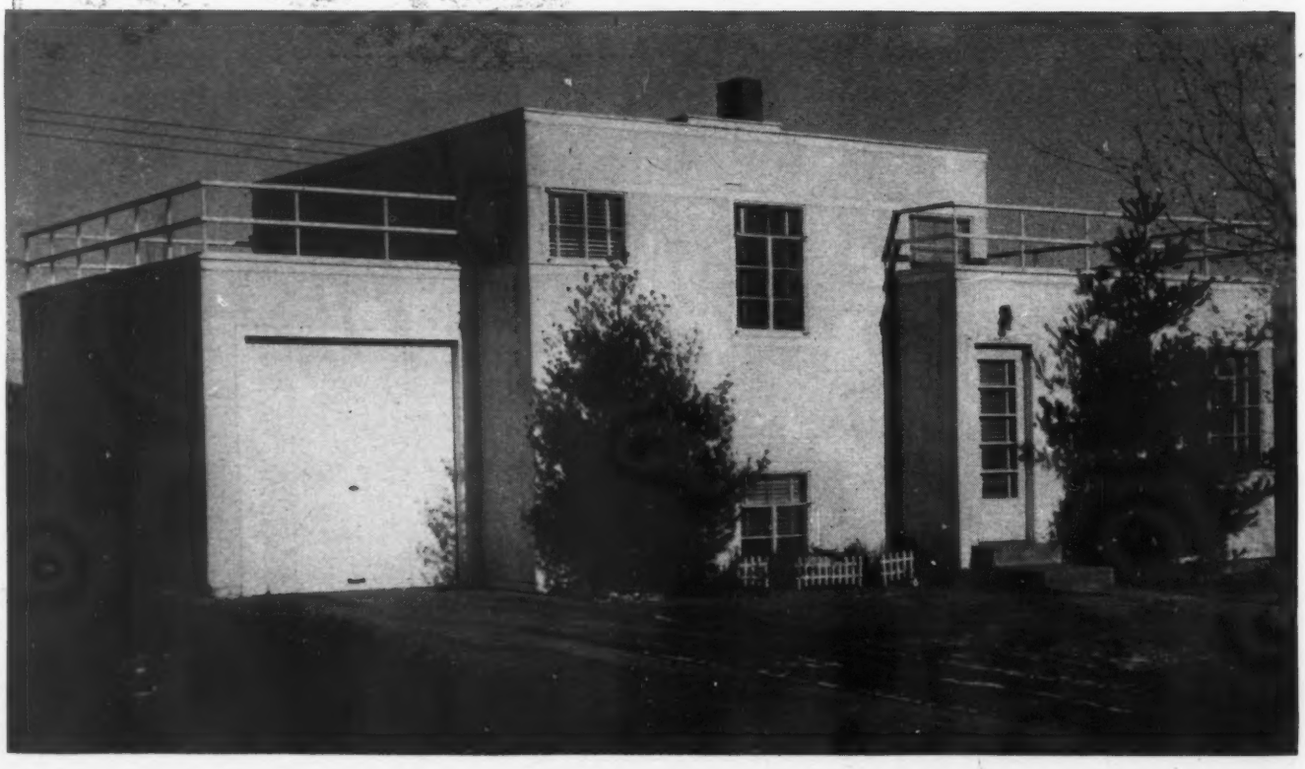


Friend in Need for Starved Shelves

Undermanned, shortage-harried dealers hardly need be reminded of the hopelessness of their situation in the past wartime months if it hadn't been for the hardware jobber and his salesmen. In spite of seeming impossibilities he has chalked up a grand record. Only because of the redoubled efforts of the jobber in providing the necessary ratings were manufacturers allowed to supply the limited amount of goods they have shipped.

These war years have proved more emphatically than ever the wisdom of buying from the jobber. In the long run he saves you money, saves delays and helps you cut accounting and handling costs.

Important, too, is the fact that your jobber supplies nationally known and respected brands—brands like Russwin which has been the choice of hardware jobbers as the most satisfactory line of builders' hardware for their dealers.

Russell & Erwin Mfg. Co., New Britain, Conn.

SINCE 1839
RUSSWIN
DISTINCTIVE HARDWARE

dealers always have the edge

Guide to *Modern Machinery*

for Sawmills and Planing Mills

	Under 5 years	Between 5 & 10 years	Between 10 & 20 years	Over 20 years
SAWMILL EQUIPMENT				
Head Rig — Band	5%	12%	34%	49%
Head Rig — Circular	8%	72%	8%	12%
Edger	2%	26.5%	26.5%	45%
Trimmer	4%	16%	32%	48%
Resaw	2%	25%	35%	38%
PLANING MILL EQUIPMENT				
Dry Kilns	15%	31%	32%	22%
Resaw	7%	15%	45%	33%
Moulder	12%	24%	38%	26%
Planer & Matcher	12%	12%	35%	41%
Lumber Lifts	32%	34%	27%	7%
Cut-off saw	6%	21%	34%	39%
Rip saw	11%	33%	28%	28%
End Matcher	8%	40%	40%	12%

WAR HAS TAKEN its toll in sawmill and woodworking machines. Capacity production for months on end, with no pause for rehabilitation, is a process which speeds depreciation of all things mechanical.

This is what has happened to the lumber industry, and this period of over use has coincided with a period when new machinery is difficult or impossible to obtain, and has followed close on the heels of depression years when business volume was not sufficient to warrant the purchase of new equipment. Thus it is that the industry is doing its wartime job with a large amount of equipment that is over-age, and it will enter the postwar era with a keen desire to purchase new modern machines that will turn out even better products with increased efficiency.

To get a more accurate picture of just exactly how the industry stands on this score AMERICAN LUMBERMAN conducted a survey of a cross section of representative sawmills, planing mills and woodworking establishments and from that evolved the data on the accompanying chart. The chart shows, among other things, just how much business the machinery manufacturers are going to have to gear themselves to meet, and how much competition woodworkers and sawmill men are going to have in buying machinery.

What are the over-all trends in the development of woodworking machinery? Complete enclosure of moving parts is one. The newer machines are all wrapped up in one package, enclosed in an over-all metal casing in contrast to the Rube Goldberg contraption appearance of earlier models of the same machine, in which all parts were exposed to public gaze. The advantages are at least threefold: streamlined, smooth appearance; minimizing sawdust and dirt that reaches friction points in the mechanism; and most important of all, the safety factor—keeping workers' clothing and hands out of danger spots.

Variable speed operation on certain types of machines, where this feature is of value, is another modern improvement. Efficiency often depends upon the speed with which a saw or shaping tool hits a material of a certain density and hardness.

Force-feed lubrication adds years to the life of high speed machinery and it is a feature that has been incorporated into modern woodworking machines. Improved bearings made force-feed lubrication possible.

Individual power sources, with that source as close as possible to the active moving parts is another goal of modern designers. The trend is away from the central power plant with a single drive shaft serving motive force to a number of machines via pulleys. Direct feed of the power with a minimum of gears and belts eliminate much friction-caused power loss and gives more flexible control over the power delivered at the point of use. For example the trend is noticeable in some makes of swing saws where the motor has been brought down to the business end of the swing arm and the circular saw blade mounted directly on the motor shaft, in contrast to keeping the motor stationary at the top of the arm and transmitting the power down its swinging length with a belt. Some moulders and planers have individual motors turning each of the various cutting heads, rather than attempting to tie their action to a single power source with complicated drive rods and belts and chains.

Increasing speeds have been a part of woodworking machinery development, and machinery manufacturers see this feature as one answer to higher labor costs that the lumber industry is now facing, and in all probability will continue to face even in postwar years.

Portable Sawmills

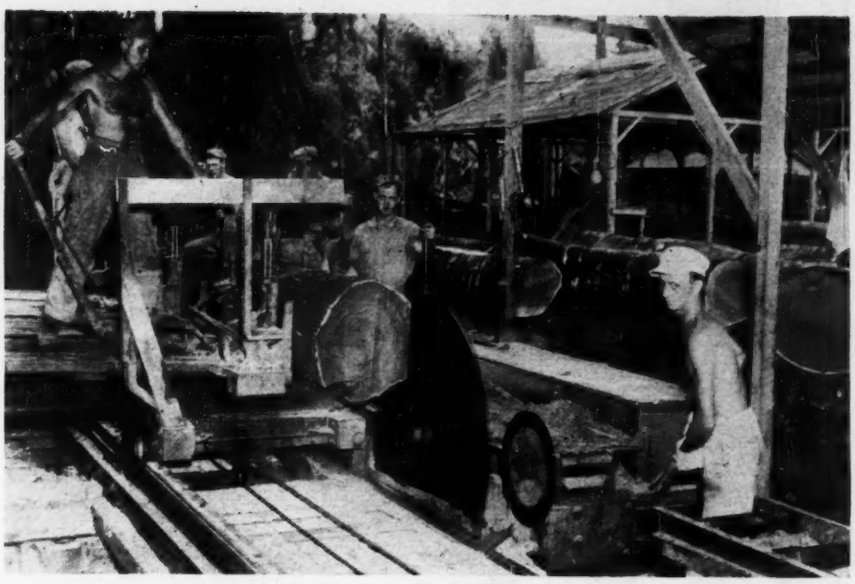
The portable sawmill has had increasing popularity in recent years. In the early twenties several sawmill manufacturers began building what became known as "tractor mills," because for the most part they derived their power from light farm tractors.

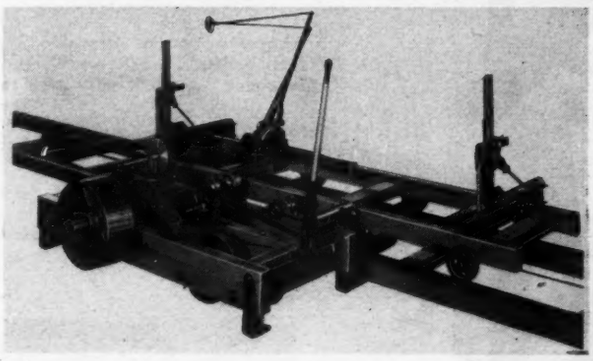
The greatest sale for these mills was through the Southern states, and more often than not the operators made a clean cut of the small timber tracts in which they operated and then moved on to new stands. These early model mills were far from mechanical perfection. Their output was light—usually between two to six thousand feet daily, and the quality of lumber produced was not high.

With the depression came the practical extinction of the "tractor sawmill," but from the very depth of that depression emerged the basis of the portable sawmill idea as it is known today, founded on sound forestry cutting practices. Improved power sources were the first step, followed by the development of better mills. Some of the operators realized that quality must be improved and trimmers and edgers were added to their plants. Portable mills of 1945 vintage can cut as much as 25 to 30 thousand feet a day, and it is good lumber.

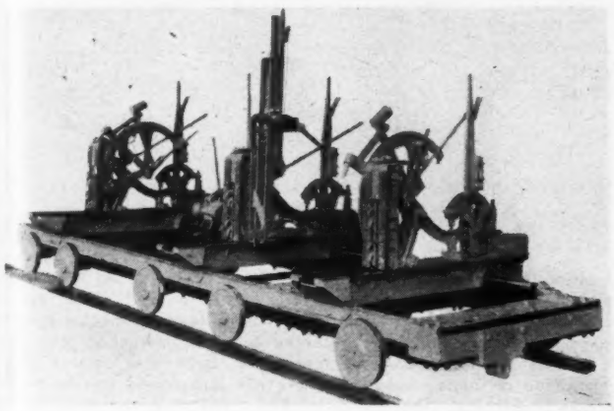
Ample low priced labor which was available at the start of the portable sawmill idea led operators to use manpower instead of machines for many operations. This is still true to a certain extent, and labor costs per thousand remain high when compared to other sections. But increased wages are leading to further mechanization, and labor costs are tumbling at the present time, and will continue to fall as the war closes and new equipment becomes available.

The Army Engineer Corps has been a real proving ground for portable sawmills. They have taken them into all parts of the world and used them on all types and species of lumber with singular success. These sawmills are described by the Corps "as the most complete setup of any engineer equipment arriving overseas."





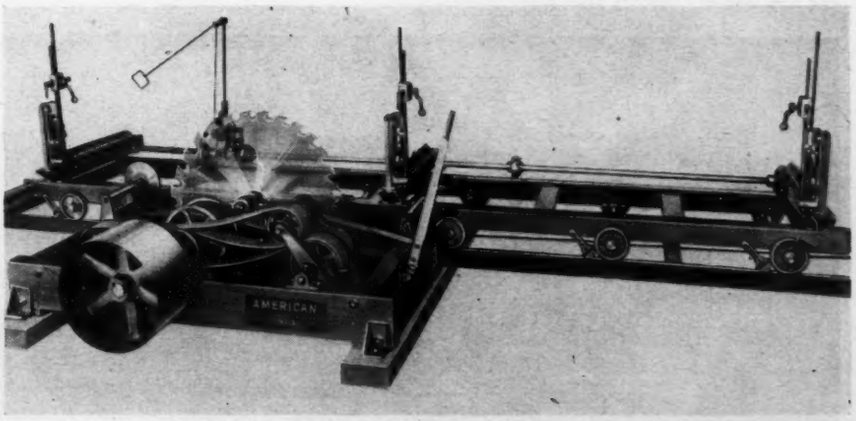
Left: Portable mill built by Corley Manufacturing Co., Chattanooga, Tenn., which features tapered bore pinions, adjustable hangers, set works that are guaranteed to be accurate, and adjustable set-shaft couplings

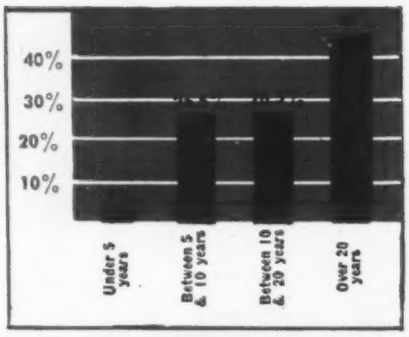


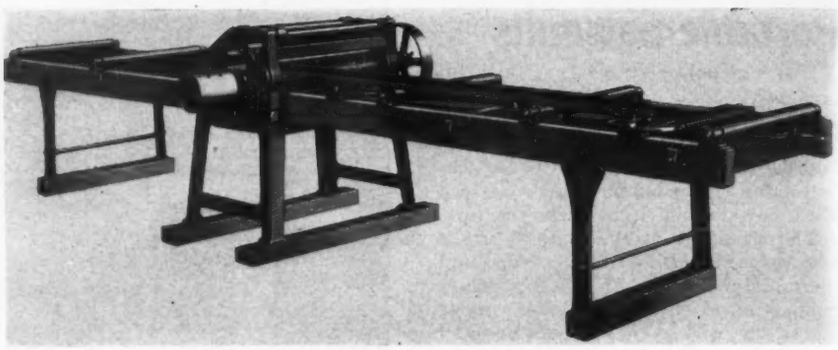
Top: A modern Corinth portable sawmill, manufactured by Corinth Machinery Co., Corinth, Miss. and being used by U. S. Army engineers not far from the fighting lines. Army use has proved the worth and ruggedness of this type of equipment and increased its popularity. Corinth makes portable mills which will cut as much as 25,000 to 30,000 feet per day.

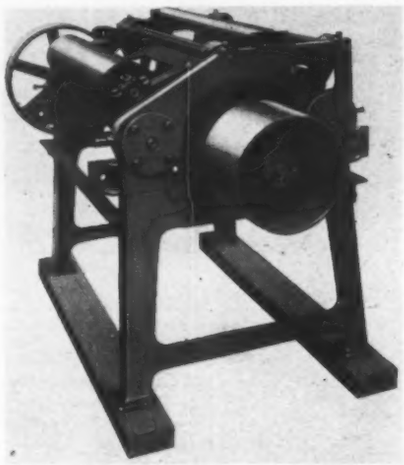
Left: New carriage built by The Wheland Co., Chattanooga, Tenn. for medium capacity mills, to withstand the action of a steam nigger, log loader and shot gun feed. Comes in three sizes: 37, 40 or 48 inch. All-steel head blocks with wide renewable face plates, split knees, spring cushion quadrants, nigger shields, machine cut racks and pinions.

Below: Product of the American Saw Mill Machinery Co., Hackettstown, N. J. This handles logs up to 46 inches in diameter, and has a 20 foot carriage with longer carriages available. Comes furnished with six inch feed belt for 80 to 100 h.p. power source. With more than 100 h.p. an eight inch feed can be used to operate at higher speeds.





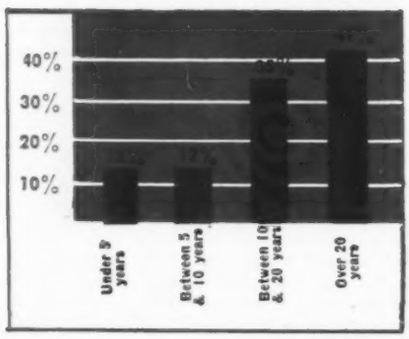




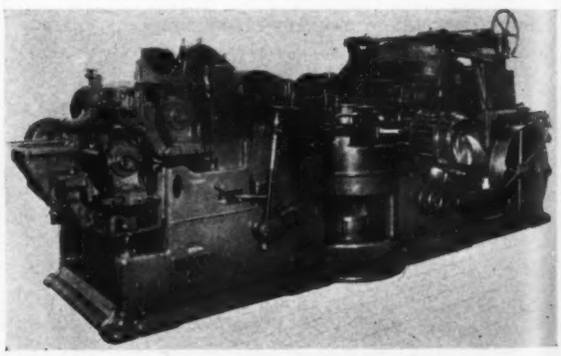
Edgers

Above: An edger (available in three sizes 17 to 22 inch width capacities) manufactured by Corinth Machinery Co., Corinth, Miss. Babbitt or anti-friction bearings may be had. These have two saws standard, with a third saw available on the larger models.

Left: Close-up of the Corinth edger husk frame.

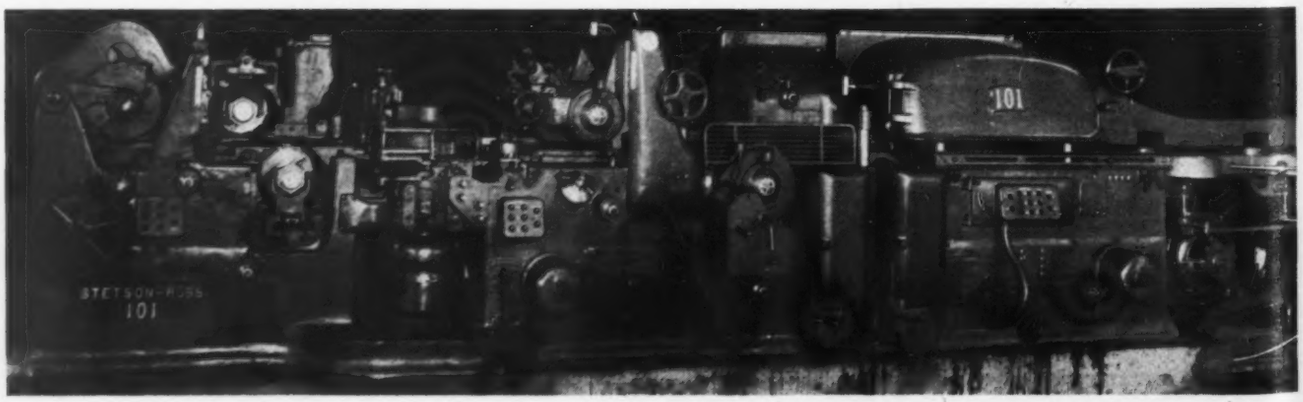


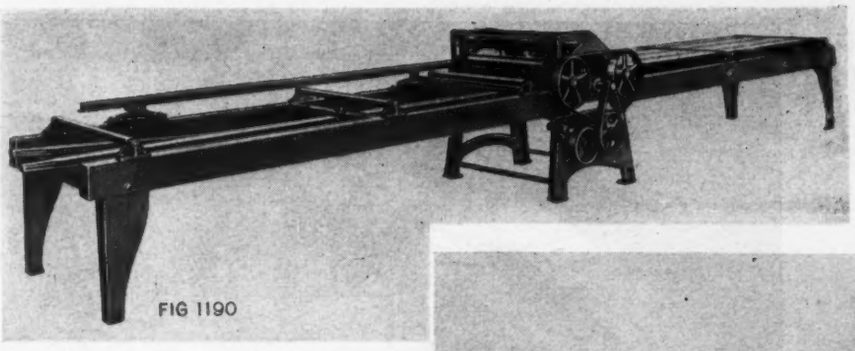
Planers & Matchers

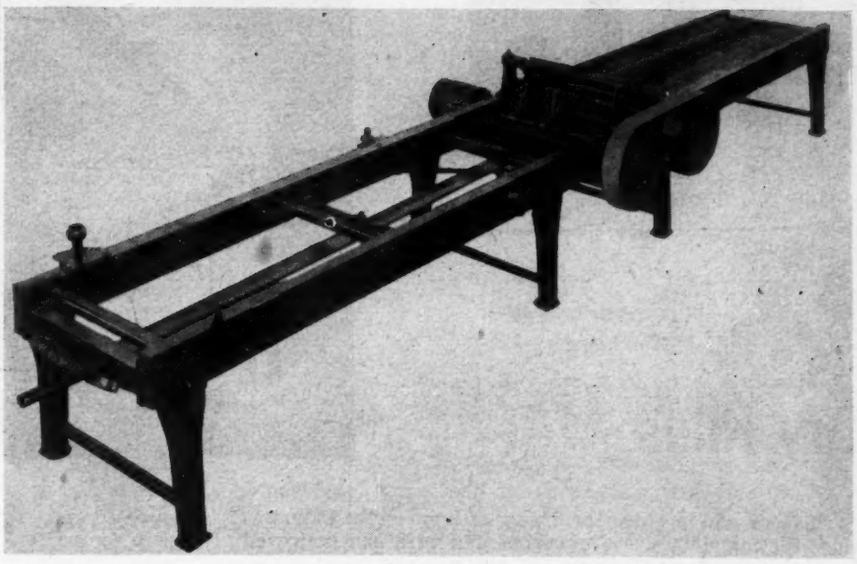


Below: A "Big Bertha" of the planer and matcher field; model 101 of the Stetson-Ross Machine Co., Seattle, Wash. It is a two-way thicknessing unit with double endless feeding beds and built-in breech-loading profilers. The fact that it takes excess lumber off with a bottom cylinder (the low grade side of the board) instead of the top is an exclusive feature, said to allow an even cut to be taken off face or finish side of the lumber, and effecting a saving of high grade lumber. It is equipped with 16 or 20 knife top and bottom cylinders, and 16, 20, 32 or 40 knife sideheads. Model 202 is a smaller capacity counterpart to 101.

Above: No. 412 series of the planers and matchers built by the S. A. Woods Machine Co., Boston 10, Mass. May be had in motor driven or belt driven models. The manufacturer claims the most powerful, quick acting feeding mechanism ever applied to a planer, for this machine. A patented binder construction with automatic tensioning device maintains uniform tension on belts and assures steady operation of cutterheads on belted models. There are larger and smaller models of Woods planers and matchers. The 415 series has a wet or green stock bottom roll adjustment, a double acting chip breaker, and feeding capacity up to 600 feet per minute.

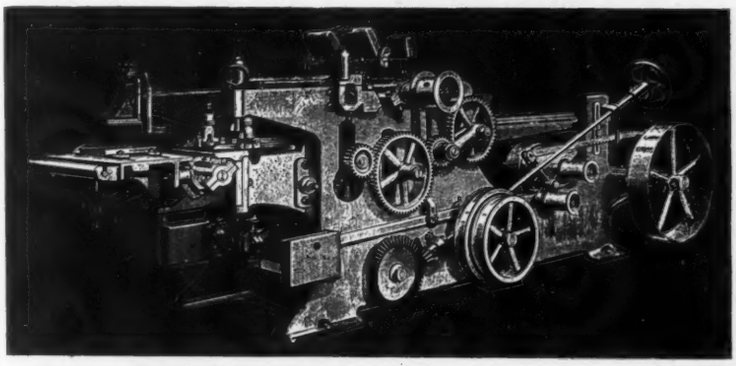




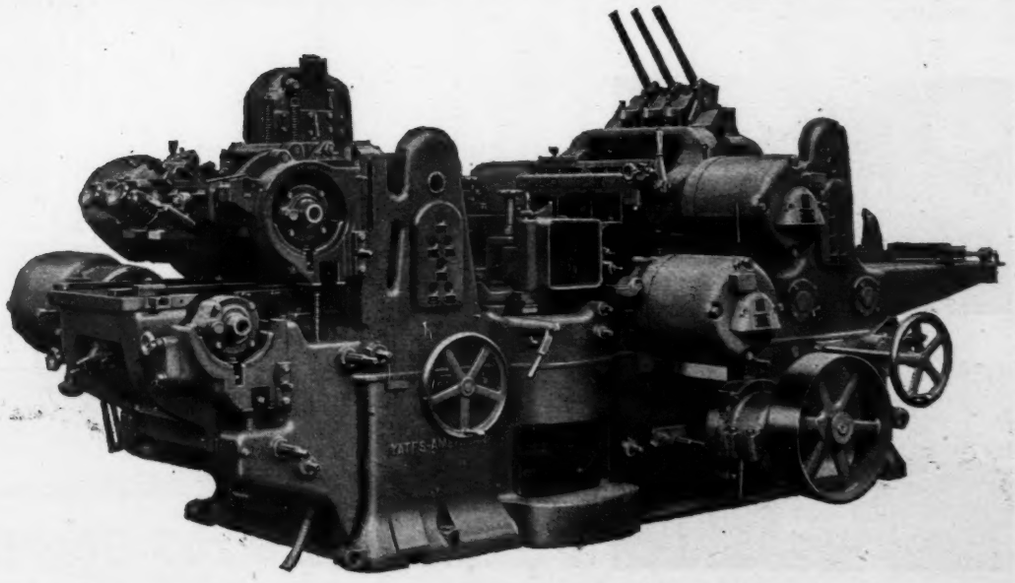


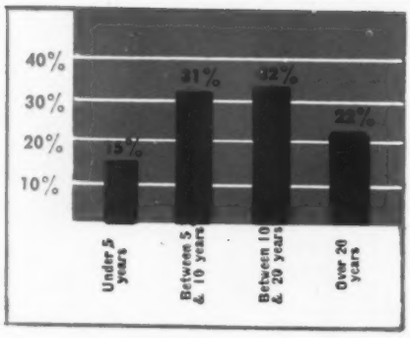
Above: An American Saw Mill Machinery Co. (Hackettstown, N. J.) gang edger. American makes four such machines with capacities ranging from 28 to 38 inches. A positive feed at any desired definite speed is a feature claimed for the American product. Easy adjustment by setting scales in front of the operator facilitates operation.

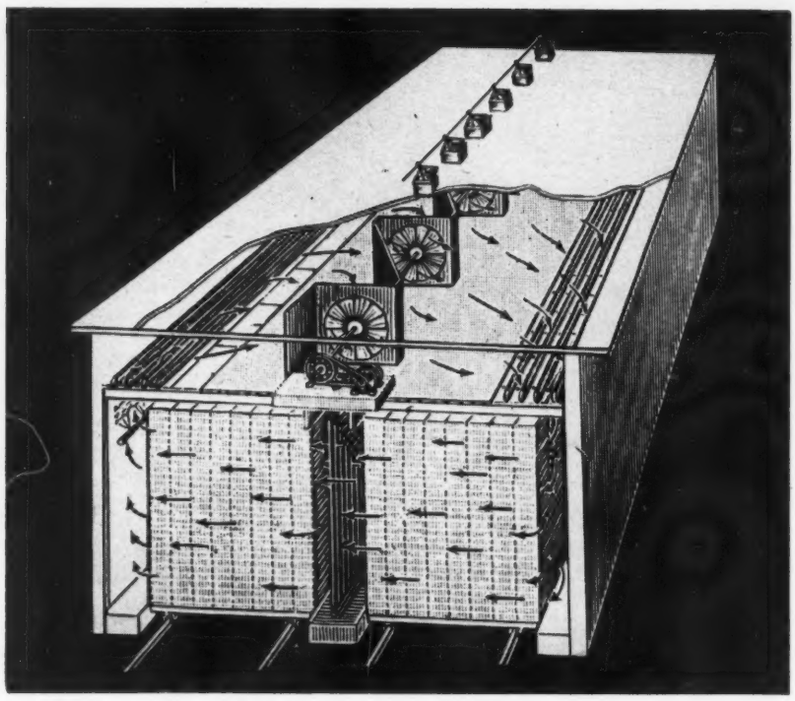
Right: Pictured is the "Junior" edger built by Corley Manufacturing Co., Chattanooga, Tenn. This unit feeds at 125 feet per minute and has automatic alignment as one of its features. A larger model tradenamed "All-Steel" has 150 foot per minute feed.



Comparative types of Yates American Machine Co. (Beloit, Wis.) planers and matchers manufactured in 1897 (left) and now (below). Two current models provide capacities from 75 to 300 feet per minute. The larger machine takes stock up to eight inches thick and both machines come in 15, 20 and 24 inch widths. Another group of Yates American planers and matchers in larger sizes have feed ranges from 100 to 450 feet per minute.







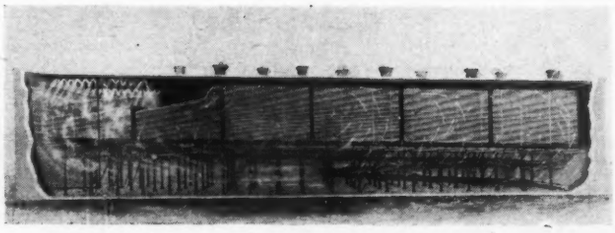
Dry Kilns

To speed and improve the drying of lumber, the industry, since the mid-1800's, has experimented with and improved lumber dry kilns. The newest models, and they alone, are capable of drying hardwood lumber, green from the saw in a reasonable length of time and with a minimum of checking and degrade.

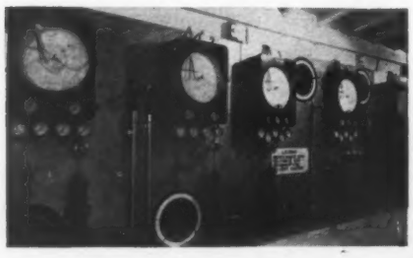
Because such rapid advance in the results to be obtained from kiln drying has taken place in recent years, those operating old type kilns will have difficulty competing with newer operations. Drying speed is going to be the factor determining how soon and how fast usable lumber will flow back into the civilian market after war needs have been met.

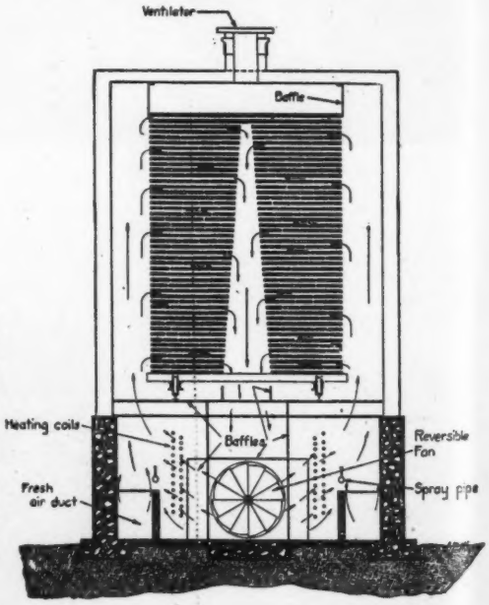
The graph above is interesting—showing that 22 percent of all the dry kilns reported in this survey are more than 20 years old, and 32 percent are between 10 and 20 years. The survey also indicated (though the fact is not shown on the graph) that manufacturers will admit that they are going to purchase more new dry kilns (in number and relative percentage) than any other unit of equipment reported in this list.

Illustrated here are early and modern versions of one make of dry kilns, which are explanatory of the principles of operation involved.



Illustrations through the courtesy of Moore Dry Kiln Co., Jacksonville, Fla.

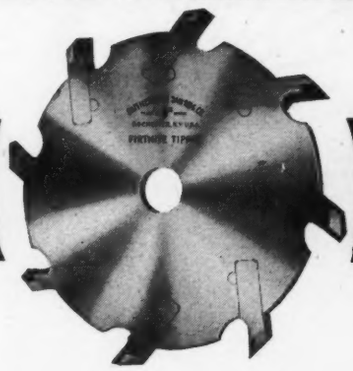




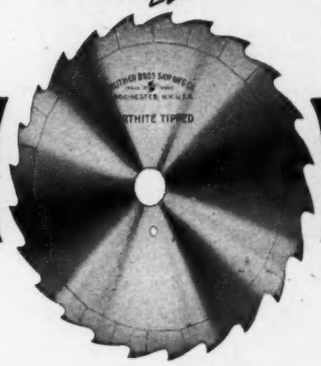
From top to bottom: Drawing of kiln type being currently built and installed by one manufacturer. Notice the over-head fan system and the fact that the lumber is stacked tight, edge-to-edge, and capacity is achieved even though piles are low. Next: This type of kiln called a "progressive kiln with graduated heating system" was being built between 1915 and 1922. Next: End view of an "internal fan kiln" of the 1922 to 1928 period. The verticle flue goes up through the center of the lumber pile.

Top left: View in a modern dry kiln control panel for automatically operated kilns, where all drying conditions are adjustable to species and type of lumber being processed. Bottom left: Type of kiln built during the period 1895 to 1905. Note the verticle flues in the loads of lumber.

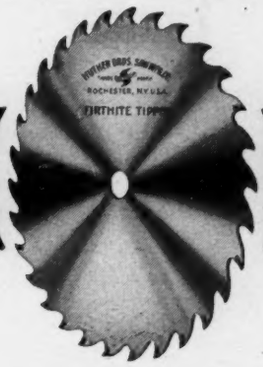
HUTHER BROS. SAW MFG. CO.



PATENT INSERTED TOOTH GROOVER
Firthite Tipped Inserts



FIRTHITE TIPPED SAW
Inserted Type, for Wood



FIRTHITE TIPPED SAW
Solid Type, for Wood

LONG-LIVED SAWS FOR LONG-RUN ECONOMY

Firthite Tipped Saws made by Huther Bros. Saw Mfg. Co. are made to stand hard service and are, therefore, long-lived Saws insuring long-run economy to the user. These saws are used for cutting hard Masonite, Teak, Fire-proof Lumber, Plywood, Linoleum, etc. Huther Bros. have long taken special pride in the quality of their manufacture, and the service and satisfaction all Huther Bros. saws give the customer.

Write for Huther Bros. Catalog No. 60

HUTHER BROS. SAW MFG. CO., Rochester, New York

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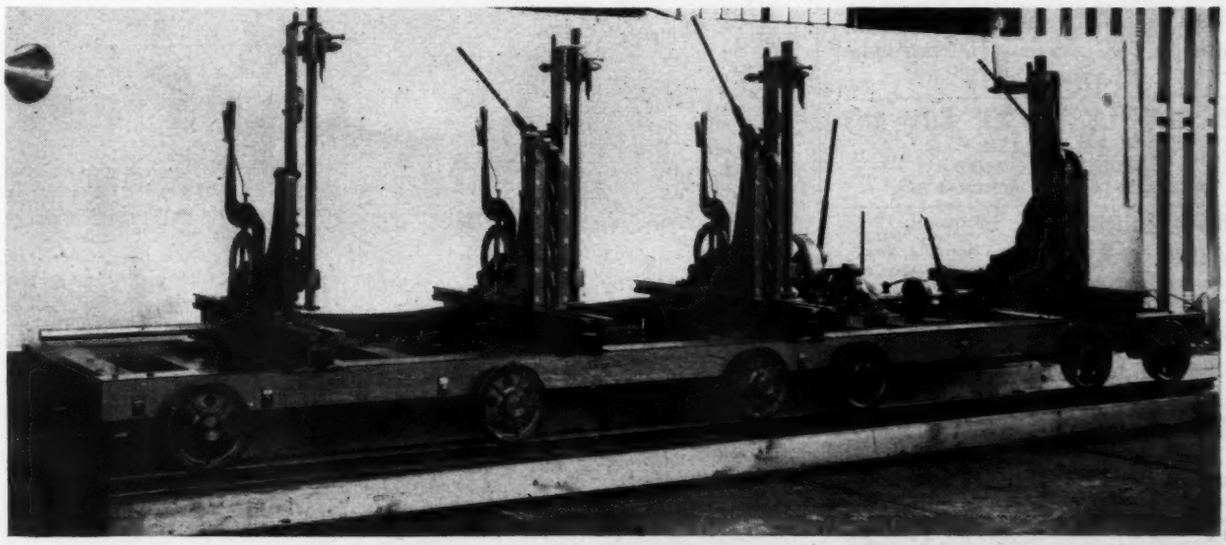

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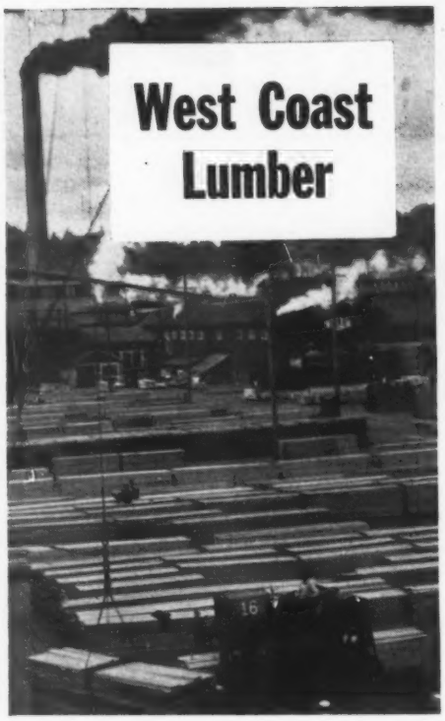

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He is around daily among the mills, picking up a little here and a little there, putting forth his best efforts to serve his customers.

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Manufacturers and Wholesalers
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Yeon Bldg., Portland, Ore

WALES LUMBER COMPANY
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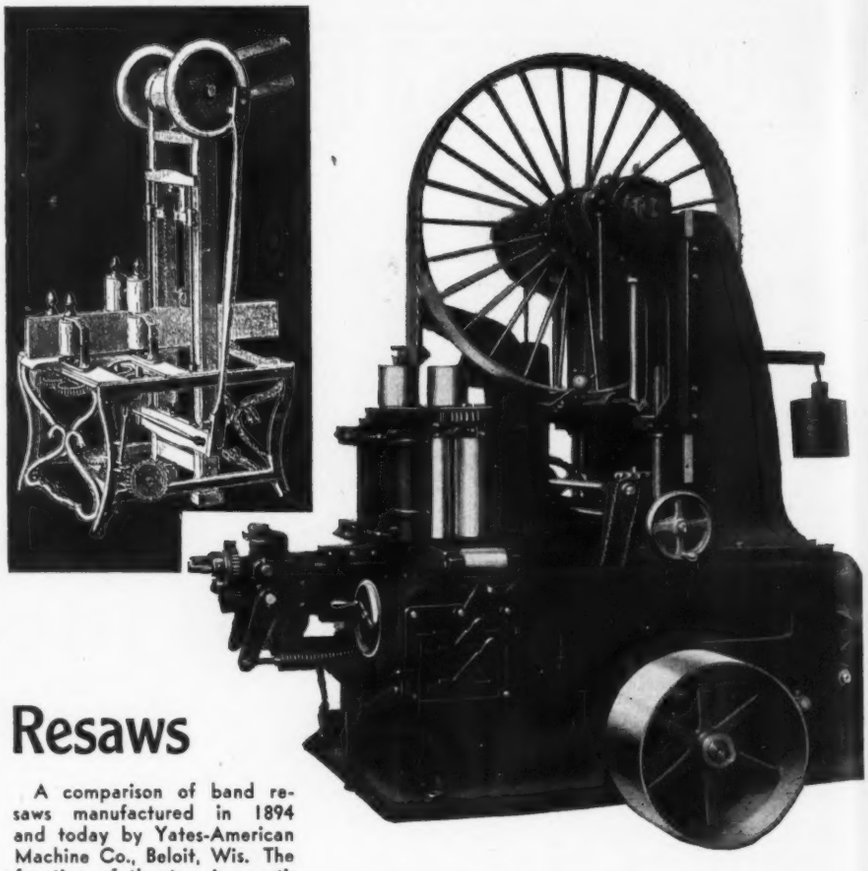
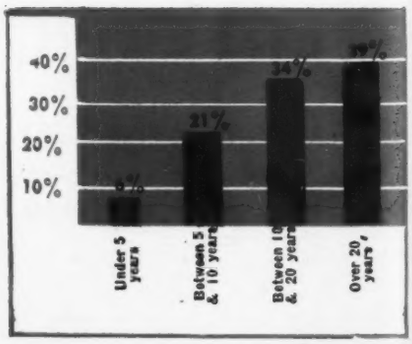
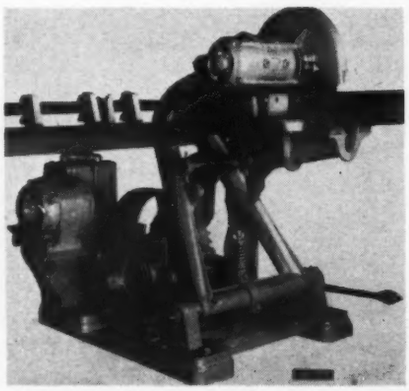
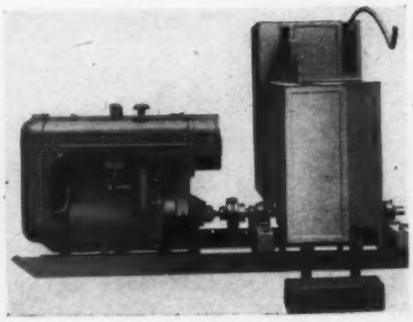


Resaws

A comparison of band resaws manufactured in 1894 and today by Yates-American Machine Co., Beloit, Wis. The function of the two is practically the same, yet the changes in design and construction multiply the savings. The new machines have six and eight rates of feed—from 19 to 210 feet per minute. Made in four sizes, all of which feature a supersensitive straining device which absorbs strain fluctuations quickly.







Cut Off Saws

Top left: An overcutting automatic cut-off saw manufactured by Stetson-Ross Machine Co., Seattle, Wash. It is automatic in that the saw is brought forward by touching a foot treadle, and completes a cycle, returning to its resting position. The process is made continuous by holding the pedal down. This type of saw may be had in undercutting models with the saw rising out of the table. Separate motors power the saw and the automatic feed. A short stroke for narrow stock may be had by setting a tripping device. The overcutting model will cut up to 16 inch widths, and five inches wider with a special attachment.

Lower left: The Corinth Machinery Co. cut-off saw pictured is gasoline powered and mounted on skids to facilitate moving from stack to stack or operation in a mill. Constructed so that it can be made a part of a lumber conveyor line. Largest practical capacity is 12 x 18 inch stock.

THE STARS AND STRIPES

Timber! GI Lumberjacks Swing Axe

GI lumberjacks, such as those shown above, turn out a daily average of 18,000 board feet of lumber for the U.S. Third Army, enough for two and a half miles of railway track. Axe-swing makes for big appetites, too, so they get double rations.

Women of France ... Role ... Battle

Army's Paul Bunyans Do Things In a Big Way, Whether Its Felling Trees or Eating

WITH A THIRD ARMY FORESTRY COMPANY.—The black-booted Paul Bunyans of this war, GI lumberjacks who daily fell, haul and mill an average of 18,000 board feet of beech lumber for Third Army use, have one complaint to ...ake: shrapnel, imbedded in tree trunks, is dulling their ...s and axes and slowing down ...duction.

When the outfit, commanded 1/Lt. Maurice C. Reeves, of ...dwardsport, Ind., starts clearing ...stand not previously laced by ...azi 88s and U.S. 105s and 90s, ...roduction can climb to 35,000 ...oard feet, according to S/Sgt. Raymond F. Price, of Ashland, Ore., logging super and field foreman of 15 years' experience.

Keeping up with the steady supply of dulled tools, T/5 Harold J. Liesch, of St. Paul, Minn., works nine hours a day, seven days a week filing, grinding and honing the loggers' double-bitted axes and 60-inch saws.

200 Trees a Day Is Average

S/Sgt. Ralph C. Dobbs, a master sawyer who has been running sawmills in and around Fayette, Ala., for ten years, said that the unit's 30 loggers averaged about 200 felled trees a day.

Dobbs' two mills produce more lumber than 20 French sawmills which are working under contract to the Army, according to Engineer office estimates.

Since landing in France in late August, the loggers, under Sgt. Mathias M. Warrington, of Block Duck, Minn., have cleared about 50 acres of timber—which after milling has amounted to approximately one million board feet.

A board foot is a piece of wood a foot square and an inch thick. The daily average of 18,000 board feet is enough lumber to supply railroad ties for more than two and a half miles of U.S. gauge track.

The Paul Bunyan theme, which has influenced loggers since the time Paul used dynamite under the giant frying pans to flip over his flap jacks, is strong with Reeves' men. To say they eat a lot is putting it mildly. Quartermaster supply, wearying of the screams from the ravenous lumberjacks, finally made it SOP to supply them with double rations.

Terrific Appetites

On the Brest Peninsula, the loggers' appetites were terrific after a 16-hour day of avenging a double-bitted axe. Close to the Metz front, however, and without the use of lights at night, the men only work nine hours a day. But their appetites haven't read the situation maps yet.

The only GIs issued black boots, the lumberjacks, who haven't lost a man despite mines, booby traps and other handicaps not encountered in the redwoods of California or the slash pine stands of the deep South, supply Gen. Patton's combat engineers with finished lumber for bridges, hospitals, railroad ties and telephone poles.

'Lucky' Tank ... Discover Am... Cache in ...

WITH T... Dec. 27 ... 11th ... tow ... chu ... tar ...

CORINTH SAWMILLS

are on the job almost as soon as our boys hit the beach . . . helping to build up what our big guns and rockets knocked down.

Postwar operators who will have need for reliable portable sawmills will find in these campaign veterans exactly what they want . . . compact, sturdy and ecomical units.

Send for catalog containing complete details.

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Cut-off Saws—(Continued)

Cut-off saws are an important item anywhere lumber is handled in quantity. The 1898 photo (left) shows a Yates-American overhead swinging model, powered from a central drive shaft. The trend is to self-contained units that can be moved anywhere there is an electric outlet. However overhead swinging models are being made—some with the power source being an electric motor mounted at the free-swinging end of the shaft with the saw directly on the motor shaft. Pictured also is a current model (right) Yates American Machine Co. (Beloit, Wis.) cut-off saw. Guard completely covers the blade above the stock and affords protection for the operator.

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LUMBER, TIMBERS, BEAMS, TIES, POLES, PILING, FENCE POSTS

- Creosoted Materials fabricated to specification
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In every important lumber producing section of the country REPUBLIC operates mills for its lumber supply and operates its own creosoting plants for treating that lumber. With fifty years' experience in wood products and wood preservation, REPUBLIC is ready to serve your needs for all creosoted wood products. These products include wood blocks for industrial flooring.

Your requirements for pitch and felt for roofing and water-proofing construction can also be supplied by materials manufactured by REPUBLIC. Our services are available through any one of twenty-four sales offices located in principal cities.

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TRANSOTE is a colorless and odorless wood preservative. It has the same toxicity and permanence as creosote. Because of its penetrating qualities TRANSOTE can be applied to wood by the dealer by a simple dipping operation. TRANSOTE-treated wood is dry, not oily, is not changed in color, and can be painted, stained or glued the same as untreated wood. For protection of the home and other buildings against Termite or other insect attack and decay, TRANSOTE is the required preservative. Send for booklet giving complete information.

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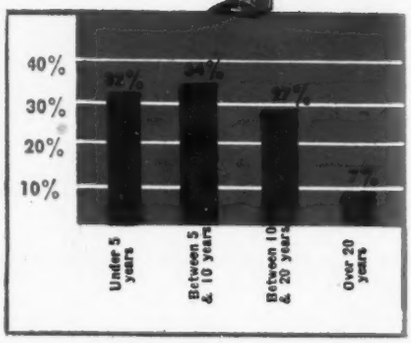
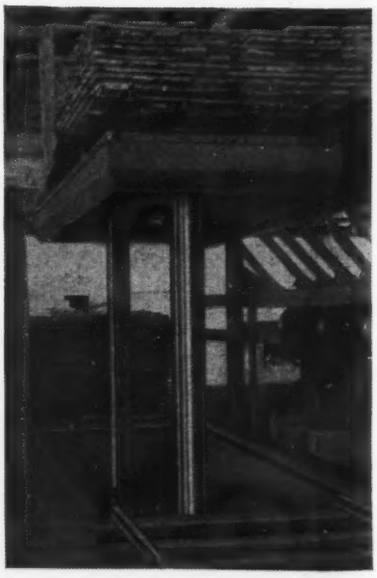


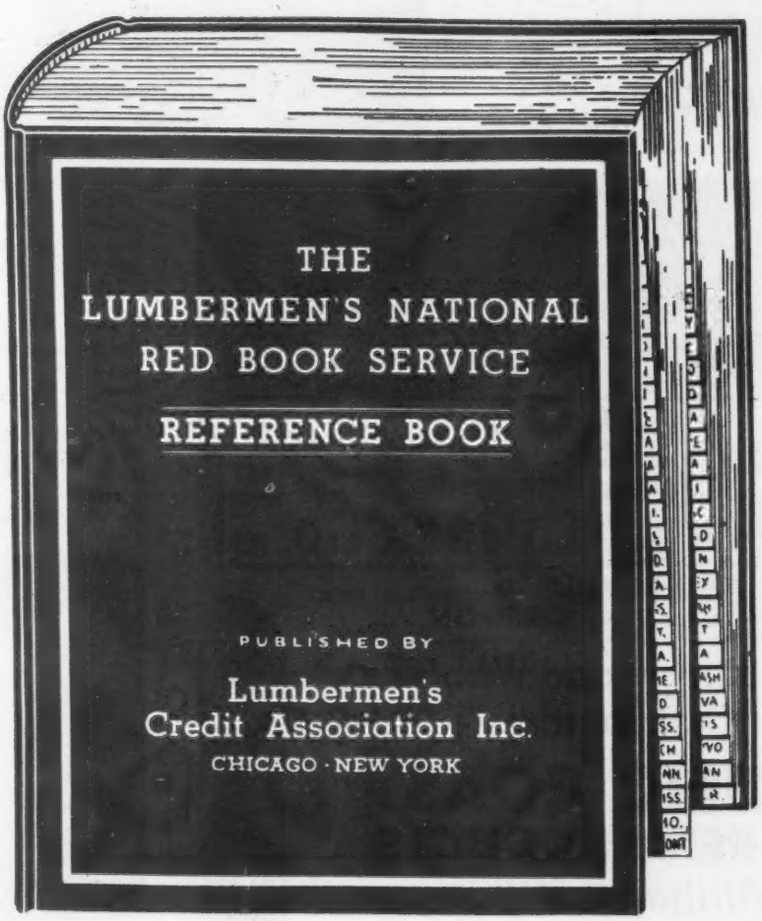
Lumber Lift



The graph indicates that it is only in recent years that lumber lifts have come into widespread use in the lumber industry. The one illustrated, manufactured and installed by Rotary Lift Co., Memphis, Tenn., has boosted a rail truck to a level where it will take lumber directly from the level of a chain feed.

Newly Listed Lumber Sources are in the MAY Issue of

1876



1945

THIS SERVICE INCLUDES A TWICE-A-WEEK SUPPLEMENTAL SHEET WHICH SHOWS ALL CHANGES IN THE LUMBER AND WOODWORKING INDUSTRIES, INCLUDING SAW MILLS RESUMING OPERATIONS, AS WELL AS NEW SAWMILLS AND CONCENTRATION YARDS.

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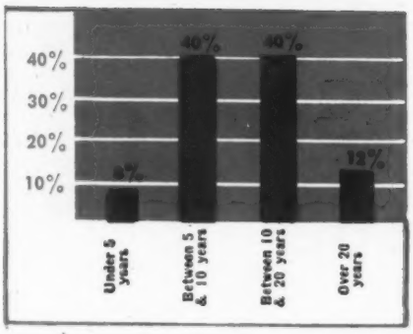
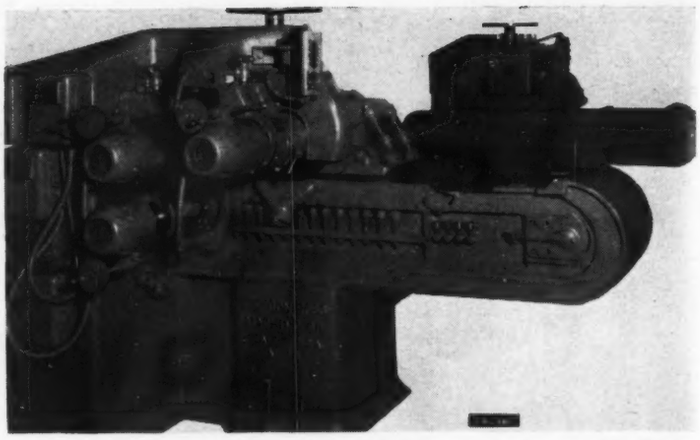


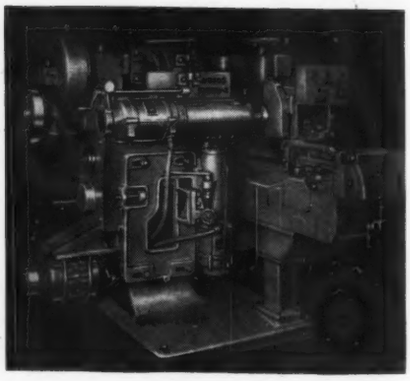
End Matchers

End matching is increasing in popularity for siding and sheathing and other uses as well as flooring. There are no specified lengths in end matched lumber, so short pieces can be turned into sales items when tongue and grooved on the ends.

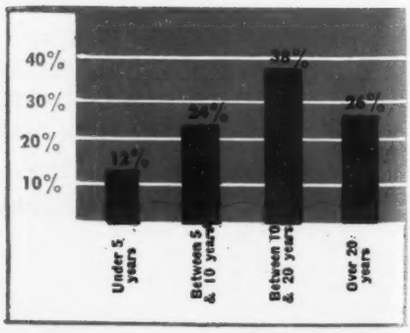


Above: Stetson Ross Machine Co., Seattle, Wash., manufactures this end matcher which is a left hand tongue and right hand grooving machine. It is 100 percent motorized with a high frequency spindle speed of 6000 RPM. Cutter heads are used instead of saws.

Below: Two units, one a groove unit and the other a tongue unit are manufactured by S. A. Wood Machine Co., Boston, Mass., to be used together with a conveyor between. The groove unit is pictured here. Parts on the two are similar and saw units interchangeable. Vertical and lateral adjustments for all saw units is a feature. Corrugated dogs give positive positioning of the stock being worked.

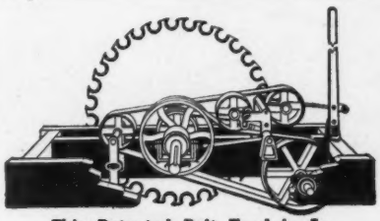


THE GRISWOLD LUMBER CO.
FAILING BUILDING
PORTLAND 4, OREGON
Manufacturers and Wholesale Distributors
PACIFIC COAST
LUMBER PRODUCTS
Affiliated Mills
CARLTON MANUFACTURING CO., CARLTON, OREGON
GRISWOLD LUMBER CO., DRAIN, OREGON
FALL CREEK LUMBER CO., FALL CREEK, ORE.
TEBB LUMBER CO., YAMHILL, ORE.
"An Organization that Wants to Serve You"
Graham A. Griswold
George B. Blackwell
D. G. Tibbetts

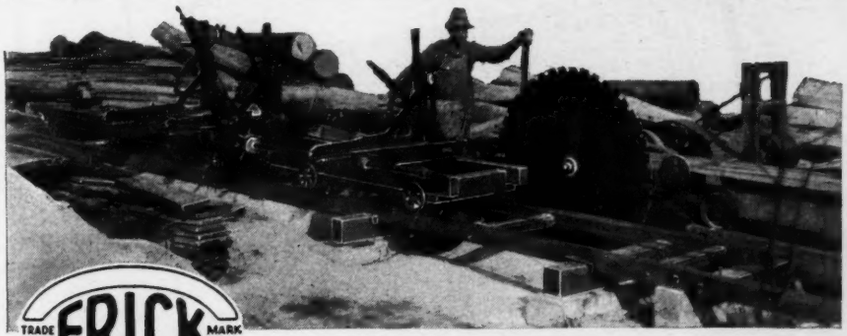


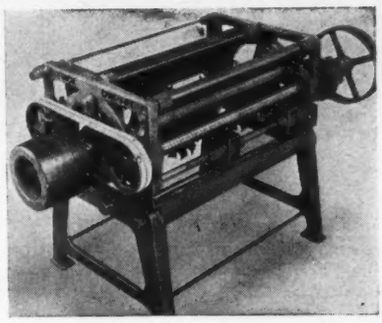
Moulders

The contrast between old and new is especially apparent when comparing the 1897 Yates American moulder with models produced currently. Notice how one of the principal general improvements in all woodworking machinery is illustrated here; how the construction has become more enclosed,

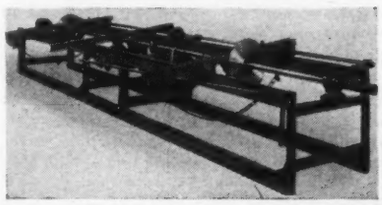


This Patented Belt Feed is An Exclusive Frick Feature





Frick Edgers Stay in Alignment; Do More Accurate Work



Frick Steel Trimmers Have Enclosed Feed Gears; Provide Years of Extra Service

TRADE FRICK MARK

SAWMILLS

Are the favorite with sawyers and owners alike. They provide fast action and accurate cutting, combined with dependability and long life. Get full details about the patented belt feed, roller bearings, adjustable cut-steel racks, setworks accurate to 1/32", and other features: ask for Catalog 75. And do whatever you can to back both the lumber and pulpwood drives.

Branches
Canandaigua, N. Y.
Williamsport, Easton, Harrisburg, and Pittsburgh, Pa.
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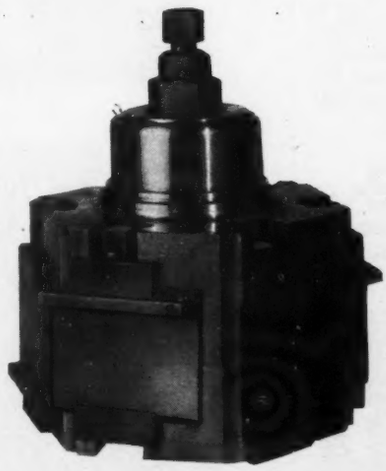
WAYNESBORO, PA. FRICK CO.

Branches
Goldsboro and Salisbury, N. C.
Nashville and Knoxville, Tenn.
Columbia, S. C.,
Atlanta, Ga.
Montgomery, Ala.

SHIMER *Heads for Eased Edge*

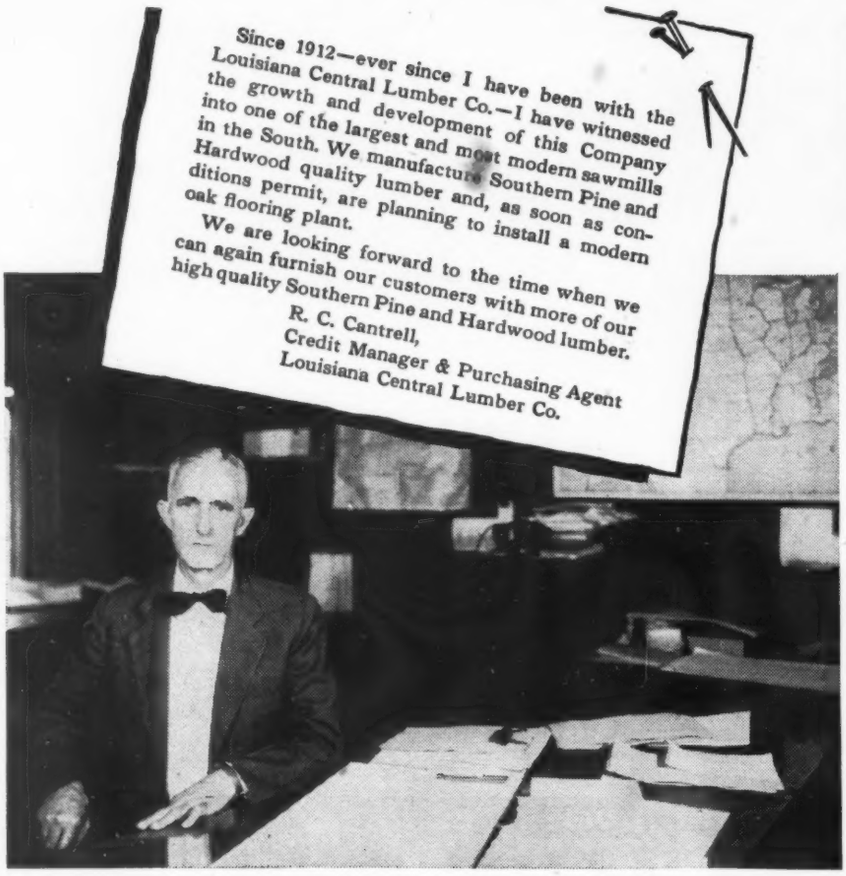


In the making of Eased Edge Stock the Shimer Combination Head is an ideal tool. It is so designed to work smoothly on these heavy cuts with ease. The cutting Bits can be adjusted for various thicknesses of Stock by sliding them apart along the slots in the Heads. Beside this, a convenient Gauge is furnished to locate the Bits in the proper cutting line.

These Heads can be changed quickly for making plain jointing or matching by inserting other Bits in place of the Eased Edge Bits.

For convenient, heavy duty, Cutter Heads, we recommend this combination Head. We will be pleased to mail you information and a copy of our Catalog and Pattern Book.

SAMUEL J. SHIMER & SONS. INC.
MANUFACTURERS OF THE SHIMER CUTTER HEADS
MILTON. PENNA.



YOUR POSTWAR CUSTOMERS WILL KNOW MORE ABOUT BUYING LUMBER

When all the hot wind about postwar miracle housing and miracle building materials dies down, it will have blown some good. It has made builders and prospective owners more conscious of *quality* in building material and workmanship than they have ever been before. Not being able to rush out to buy a "jerry-built" house with their surplus money, they have planned and studied, selected and discarded. Dealers who have not recognized this trend may be surprised that the postwar building boom will be for better building and better lumber only. "Jerry" lumber and "jerry" construction will get the go-by.

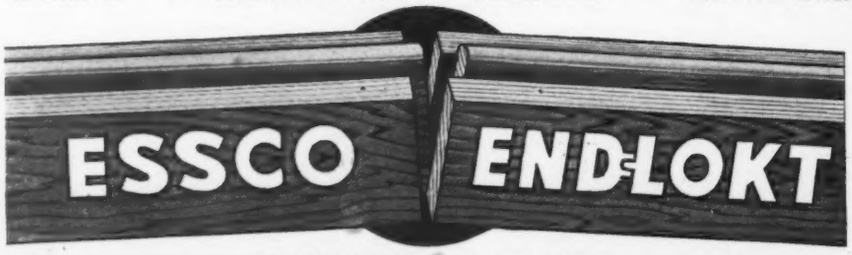
ESSCO End-Lokt Lumber, offering so many advantages to dealer, builder and buyer, will be the choice in much of the postwar construction and End-Lokt lumber dealers will have a decided advantage. This unique lumber saves time, labor and money from the time it is put on the freight car until it is nailed into a structurally better house.

You can be assured, Mr. Dealer, that as soon as conditions permit, Exchange Mills will go into as speedy production as proper seasoning will permit, so that you can meet the demand by the smart postwar builder for ESSCO quality lumber.

EXCHANGE SAWMILLS SALES CO.

1111 R. A. LONG BUILDING **KANSAS CITY 6, MISSOURI**

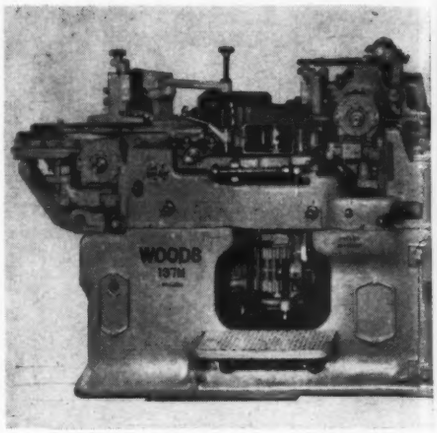
Southern Pine • Southern Hardwoods • Ponderosa Pine • West Coast Woods



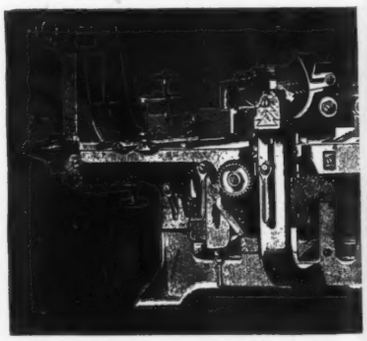
Trade-Mark Reg. U. S. Pat. Office

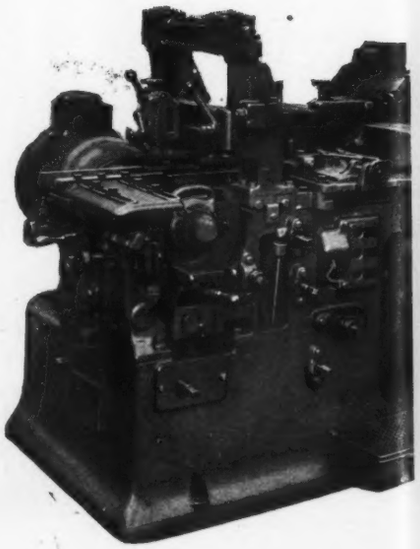
End-Lokt lumber offers 12 advantages. Here is . . .

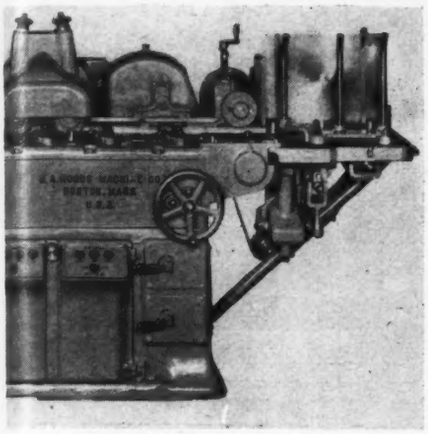
No. 5 End-Lokt joints falling between joists or stud bearing are as firm and practically as strong as if the piece fully spanned.



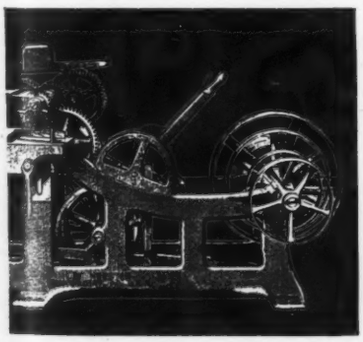
increasing safety and keeping dirt from moving parts, and improving appearance; how power increase has made possible higher speed, more accurate production. The speed range of the old machine was 20 to 55 feet per minute; it could handle stock nine inches wide and four inches thick. Today's Yates moulder has speeds from 20 to 150 feet per minute and takes stock 16 inches wide and six inches thick. Quick setup and adjustment is another feature. Side cutting heads tilt through 60 degrees. Some models have five cutting heads thus completing in one running some jobs that would take two runs through a machine with four or less heads.

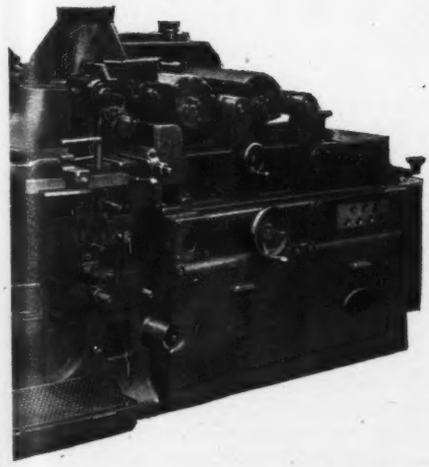






Above: An S. A. Woods Machine Co. (Boston 10, Mass.) moulder, built to work either four or six inches wide by four inches thick. Has a patented endless belt feed designed to eliminate crushing and breaking the stock. Top head unit, including chipbreaker and holddown mechanism, is adjustable as a unit so these members maintain proper relation on all thicknesses of stock. Side head guides are arranged for independent and unit adjustment, for individual lineup—swiveling and varying cutting circles. Electric control of feed designed for forward, reverse or jogging. Rotors are rigidly supported at both ends.





...yes, after ***only 15 minutes instruction*** on a Fridēn Fully Automatic Calculator anyone in your office can become an Expert on your own Figure Work Problems. Contact your local Fridēn Representative for complete information regarding these ***easy to operate*** Calculators which are AVAILABLE, when applications for delivery have been approved by the War Production Board.

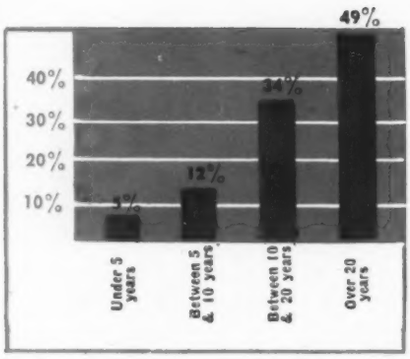
Fridēn Mechanical and Instructional Service is available in approximately 250 Company Controlled Sales Agencies throughout the United States and Canada.

FRIDĒN

FRIDĒN CALCULATING MACHINE CO., INC.

HOME OFFICE AND PLANT • SAN LEANDRO, CALIFORNIA, U. S. A. • SALES AND SERVICE THROUGHOUT THE WORLD

Head Rigs

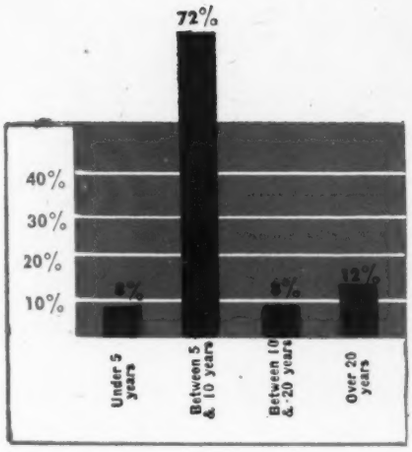


Band Mills

Circular Mills

The figures on the graph may not give a true picture of the head rig situation. The skyrocketing 72 percent of circular mills (shown at right) which are indicated to be between five and ten years old would suggest that a good many portable mills came into these calculations.

It is interesting to note also that in numbers of returns there were three times as many band mills reported as head rigs as there were circular mills.



Enterprise Special Sawmill Carriages

It is increasingly apparent that the practical sawmill operators are becoming more and more interested in their log carriages as a vital part of their mill equipment. No part of the mill is subject to more abuse from fast turning of logs, and yet must maintain true alignment to produce accurate lumber. If the carriage is driven with a friction or small steam feed, it cannot be built too heavy and cumbersome, which would slow down the reversing motion and reduce the capacity of the mill.

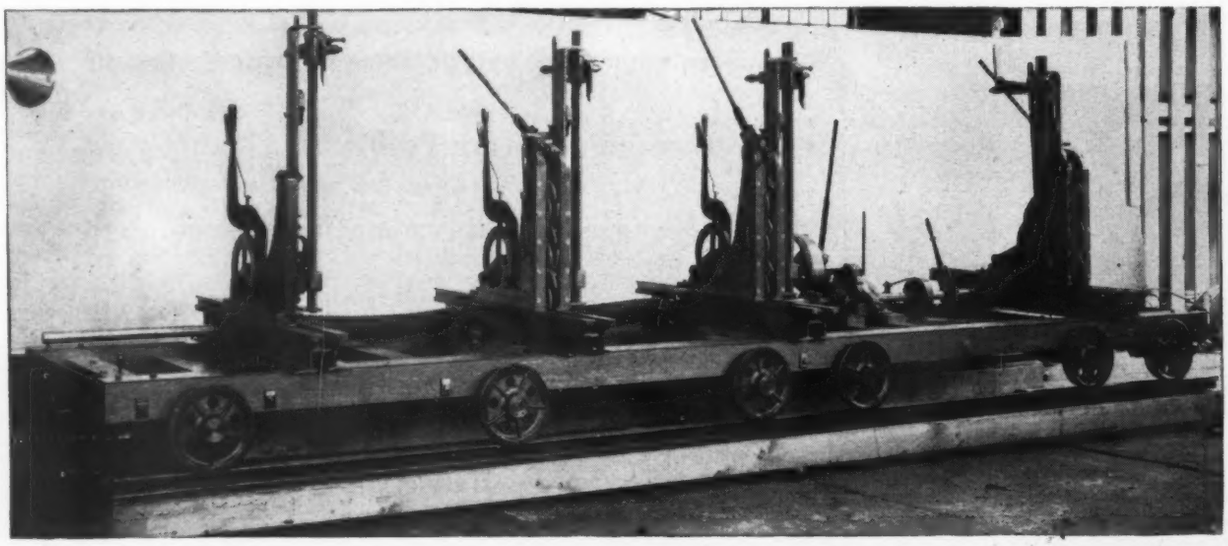
The carriage illustrated, built by The Enterprise Co., Columbiana, Ohio, weighing less than 4000-lbs., was designed and built for use with a 5-ft. band saw, and driven with a Soulé Spee-D-Twin steam feed. It is 20 ft. long, with four 44" opening head blocks, having six set of 2" axles, 12" wheels, and with off-sets applied to the two end axles actuated by a drag friction on back guide rail. The head blocks are of steel, each made of two special 100-lb. "T" rails 6" high, the hardness of which just permits of machining. The rack and pinions are of steel, machine cut to very close tolerances. The knees are independent, permitting of an adjustment of 3" either forward or back from neutral position by 1" intervals, and made either solid for use with Knight type side dogs, or hollow with Boss inserted tooth dogs inside of the knee and either Knight type or hammer dogs on outside of the knee. Head blocks are supplied with normal knee opening of 36", 40", 44", 48", and 52".

The set works are double acting, and will set accurately to 1/16" dimension. Included is a board dial gear driven from set shaft, and with either spring or power receding of the knees. Power is applied by a friction from an axle with bevel gears, the lever applying the receder either the spring or power type, raising the pawls from the set wheel so that the set works operator has only two levers to attend.

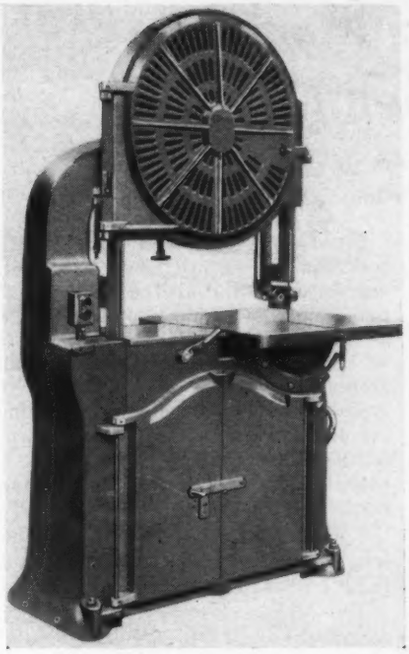
A steel plate is bolted to and covers the entire top surface of the side timbers, which not only protects the timbers from moisture off wet logs, but greatly stiffens the carriage frame and provides a true straight line for locating the head blocks at any desired position.

Cable drive connections are through spring cushioned eye bolts, with welded steel end girts made so as to apply the driving force against the ends of the side timbers, and welded to a steel plate bolted to bottom side of the carriage to brace the frame against racking. The track rails are 40-lb. "T" rails, the back rails machined flat on top and 60 degree angle on sides with the carriage wheels machined to fit. Rails on saw side are machined flat on top and with single flanged machined carriage wheels.

For information about Enterprise special sawmill carriages, write The Enterprise Co., Columbiana, Ohio.



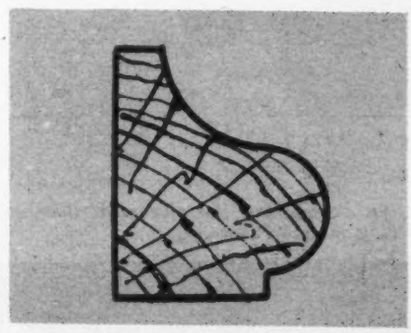
Advertisement

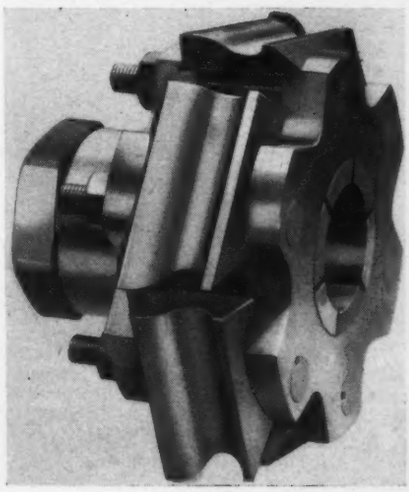


Above: Light bandsaw of modern design for millwork and cabinet work. Late model saws of this type run without vibration.

Yates American Machine Co. photos

Below: Slip-on cutterhead of the type used on moulders and matchers for running various patterns. This particular head turns out the pattern illustrated in the line drawing. The knives themselves are replaceable by removing the bolts.





SWEET DREAMS?

Not at all . . . IF YOU ARE PREPARED to take advantage of tomorrow's huge lumber and building supply demand. Being prepared means being ready with an organized *Sales* program . . . a *Purchasing* procedure to insure full profit on what you buy . . . a *Stock Control* system that builds up turnover. The simplest, most effective ways of obtaining these three essentials are fully explained and shown in three books now made available to you without charge or obligation.

PROFITABLE SELLING with the aid of effective record-keeping is the subject of "Graph-A-Matic Control for Sales Management". Plans that fit your type of merchandising are clearly outlined, requirements set up. Efficient, low-cost methods of obtaining facts needed for success are described and illustrated in clear, helpful detail.

EFFECTIVE PURCHASING procedure and the simple records needed to carry on the routine of buying with the greatest economy are outlined and illustrated in the new 64-page manual, "Purchasing Department—Records and Routines". Many alternate methods and systems, all proven successful, are included in order to meet the requirements of both large and small businesses.

CONTROLLING LUMBER STOCKS effectively results in increased rate of turnover. This means successful merchandising, which in turn means profits for the dealer. The perpetual inventory method of operation has been generally accepted as necessary to the conduct of your type of business. Our Management Controller No. MC561 "Stock Control for Lumber Dealers", shows a complete plan using this method.

USE THIS COUPON AND SAVE PAPER

Remington Rand, Inc., Buffalo 5, New York
Kindly send me ☐ "Graph-A-Matic Control for Sales Management" (free).
☐ "Purchasing Department — Records and Routines" (free).
☐ "Management Controller #MC561" (on loan).

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SYSTEMS DIVISION

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6 BIG REASONS . . .
that make the Pittsburgh Dealer Franchise More Valuable!

1. **REPUTATION FOR QUALITY**—Pittsburgh's Paints and Finishes stand high with painting contractors, general public and industrial buyers in many fields.
2. **CONTINUOUS RESEARCH**—From the same great laboratories that produced Pittsburgh's famous "Vitolized Oils" and the "molecular selection" process now comes the most remarkable advance in paint-using science—COLOR DYNAMICS—in which the **energy of color** is utilized scientifically for the first time.
3. **UNSURPASSED RESOURCES**—The vast Pittsburgh organization is in position to get the best raw materials available.
4. **DISTRIBUTION SYSTEM**—A thoroughly organized distribution system enables us to maintain stocks of Pittsburgh Products in all major trading areas.
5. **CONTINUOUS ADVERTISING**—Again in 1945 powerful, big-space advertisements in full color will keep Pittsburgh in the public eye.
6. **RECORD OF FAIR DEALING**—Throughout the paint industry, it is a well-known fact that Pittsburgh stands by its dealers . . . In good times, as in bad, we look out for the interests of our franchise-holders — do our best to protect their profits!

PITTSBURGH
PLATE GLASS COMPANY
Branches in Most Leading Cities

Stores Are Machines For Selling

By Morris Ketchum, Jr., A.I.A.
Ketchum, Gina & Sharp

A NEW, REALISTIC and exciting approach to store design exists today! It is based on inspired common sense, hard-working research and a drop or two of that elusive ingredient called imagination.

Somewhat the same approach has given America the motor car and the airplane. Cars and airplanes have to work—no excuses or alibis, no surface streamlining or juke-box gadgets can ever offset poor performance.

That is the most exicting element in store design—it has to work! A store has to be well and soundly built at economical cost; it has to be tailor-made for the business it shelters, and —above all—it has to sell merchandise.

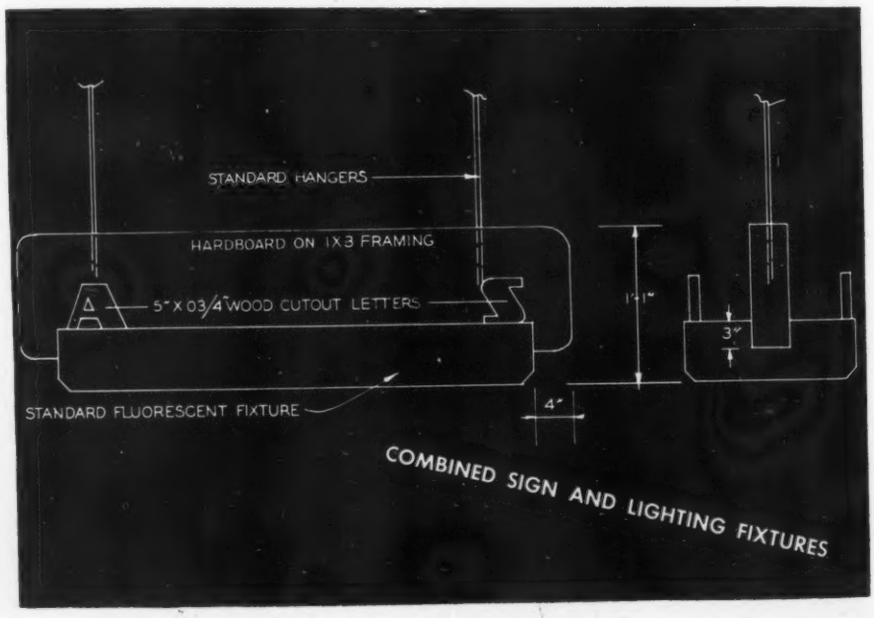
The true worth of a store design is never long in doubt. In a hard-boiled competitive field where the barometer of success is the cash register, results are quickly measured.

Success depends on machine-like coordination. Store front, salesroom, service areas and all the hidden gears and levers of trade should work together smoothly. From entrance door to delivery entrance, contemporary stores are "machines for selling."

To function efficiently, "machines for selling" must not only work well, but look their best. Well-proportioned, graceful, and glamorous backgrounds help to make shopping a pleasure. If the public finds that it is fun to shop in your store, you can attract and hold their patronage.

Too often, store fronts have been designed as fake fronts — shallow masques to hide the real face of trade. Store design then stops short at the store front. But true store designers never think of stores as store fronts, any more than furniture designers think of furniture design as the art

A combined sign and lighting fixture that can be adapted for placement over any department in the building material store.



of upholstery. In fact, conventional store fronts are disappearing. They have become an important part, but only a part, of today's "machine for selling."

The old style front was a flat billboard, as wide and as high as the store itself, and as shallow as its own show windows. This type of store front is on the way out. A new kind of store front is on the way in—the "open-faced shop"—where the store front disappears in a transparent sheet of glass—an invitation to window shop the entire salesroom.

Another fundamental change has uprooted yesterday's store front and turned it inside out. Once, every storekeeper thought that economy of space compelled him to squeeze his store against the sidewalk building line. Now, the building line store front is disappearing too. Instead, we have stores with entrance lobbies —shortcuts to shopping. Such lobbies multiply the street front displays, in number and in variety, many times over. They are window shoppers' paradises with plenty of elbow room for everyone.

These new developments are all keyed to pedestrian traffic; store design is just beginning to feel the impact of the auto trade. This impact has been cushioned by the war, but when cars return it will again profoundly influence the design of the sales machine. Store fronts and store entrances will face the parking courts, may even consist of sheltered escalators leading downward from some roof-top parking area. The auto trade is the carriage trade of yesterday. We are only just beginning to gear our stores to that trade.

Whatever form it takes, the store front has a definite, clear cut job to do. First, it must catch the eye. The general impression it gives you will spell out the character, price range, and type of goods for sale, the identity of the merchant, and type of sales service he offers.

This is animated advertising, for the store front is really a billboard—a billboard with three dimensions. It should be designed on the same principles as a poster. Merchandise forms the pictorial areas, sign lettering corresponds to the poster's wording. Like the poster, its message should be brief, easily read. Unlike most posters, it can be as deep as the store itself.

Second, the store front should pull you inside the store. One easy way to do this is to pull the sidewalk into the store as an entrance lobby. Entrance lobbies and open-faced shops make the transition from street to salesroom a painless one. At the same time, they merge the display value of the interior with the displays at the store front; merge window shoppers with salesroom shoppers.

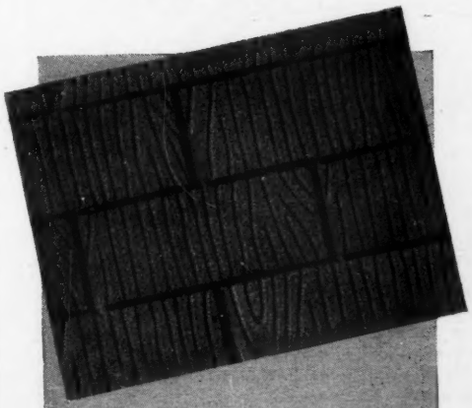
The traffic routes that start at the sidewalk or parking court, lead into the center of the sales machine—the salesroom.

Like the store entrance, the sales-

FORD

THICK-BUTT SHINGLES

● Thick butts, virtually the thickness of two shingles, give extra weather protection.



● The beauty of Thick-Butt color blends is emphasized by the heavy embossed wood grain textured weather surface. The soft toned shades of these blends offer a wide range of roof tone effects. Ford Thick-Butt shingles are recommended for both new roofs and re-roofing over old roofs.

Many home owners choose Ford Thick-Butt shingles because of the reassuring ruggedness they give to the roof. They look strong and they are strong.

In making Ford's Thick-Butt shingles a bottom layer of heavy felt is impregnated with about twice its weight of resilient blended asphalt saturant. Next is added a tempering asphalt coating that acts as a seal and binder for mineral granules. This is the standard construction of a regular shingle. Then to build up the extra thickness of the butt, the patented overlay process is employed to spread an added thick coat of asphalt, covered with granules over the lower weather exposed section of the shingle. Thus the name Thick-Butt because the butt is actually built up to virtually twice normal thickness. It is easy to see how this double thick butt makes a massive sturdy roof of unusual beauty and durability that has a popular acceptance among home owners.

ford
ROOFING PRODUCTS CO.
Established 1865

FORD ROOFING PRODUCTS CO
Makers of America's finest roofing products since 1865
Chicago 2, Ill. York, Pa. Vandalia, Ill.

ASPHALT ROOFINGS • SHINGLES • SIDINGS • FORD-V-NEER

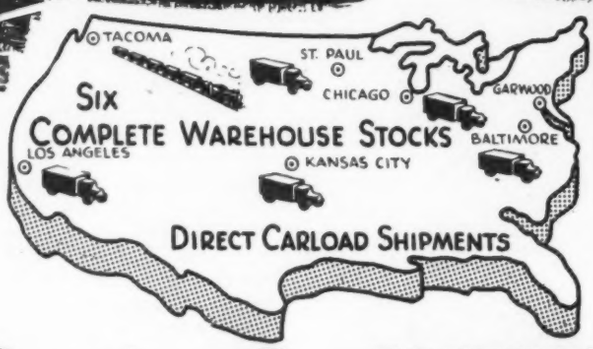
room is a stage. Its actors are the goods on display; its audience moves in and around the stage itself. Backgrounds, lighting, colors, textures should keep attention focused on the merchandise. In a store, the play is a three-ring circus! There are as many acts going on as there are sales departments, as many dramatic climaxes as the displays provide.

All the efficient parts of this sales mechanism should work smoothly and quietly. Like stage props, they are part of the background for sales; they should never be allowed to steal the show.

Behind the scenes are all the services for selling. These are the hidden gears and levers that operate the sales machine. Reserve stock rooms, receiving and shipping spaces, executive offices, employees' facilities, and mechanical equipment may seldom be seen by the customer, but no store could operate without them.

Just as there are definite patterns for customer traffic through the store, so there are definite traffic lanes for store services. Incoming and outgoing goods must be routed from truck to sales fixtures; employees should have separate paths from the customers; even air-conditioning lines and electric wireways have their own separate routes to follow.

PAMUDO'S NATIONWIDE SERVICE



SIX COMPLETE WAREHOUSE STOCKS

DIRECT CARLOAD SHIPMENTS

Douglas Fir PLYWOOD

Since 1921, PAMUDO has specialized in the distribution of Douglas Fir Plywood. The experience and knowledge acquired over the years is assurance of ability to render outstanding service. While war uses come first today, we desire to acquaint all buyers and users with PAMUDO'S nationwide organization—so that when Douglas Fir Plywood is available for civilian use, all may know about PAMUDO'S truck and L. C. L. service from its 6 Warehouse Branches and its Carload service direct from PAMUDO plywood mills.

MILLWORK DOORS, FRAMES, MOULDINGS, SASH, GLASS, CABINETS

Beginning in 1912, PAMUDO has been one of the largest distributors of Millwork. Serving primarily war needs now, with only limited quantities available for civilian use, with Peace PAMUDO'S Millwork service will be broadened out as in pre-war years. Plan to contact PAMUDO for your post-war stock-up needs.

PACIFIC MUTUAL DOOR CO.

Established 1912

MILLS: OREGON--WASH. HOME OFFICE: TACOMA 1, WASH.

LOS ANGELES 21, CAL. • KANSAS CITY 3, KANSAS • BALTIMORE 31, MD.
ST. PAUL 4, MINN. CHICAGO 8, ILL. GARWOOD, N. J.

Photo: Sylvania Electric Products, Inc.

Although this is a furniture store front, it has many good points which could be utilized in planning a building material store. Lighting glows from behind a vertical fluted column centered on the panel of the front. The recessed entrance takes up floor space but is well worth its utilization as a means of drawing interested buyers away from the street closer to the displays and the entrance.

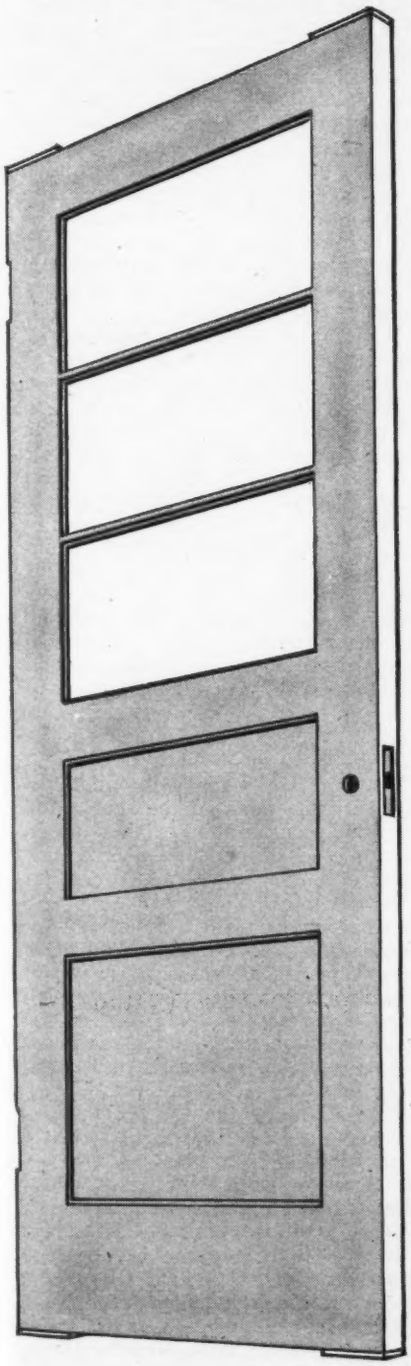
Store Front Displays

Multiple departments create a display problem on the store front. Ideally, each sales or service department should be represented on the store front by a separate display. But unless there is a large horizontal street frontage, this is impossible. So, as a compromise, each department takes its turn in the show windows with the weekly change of display. The store designer who can realize the most display values per running foot of street front will get maximum representation for each department.

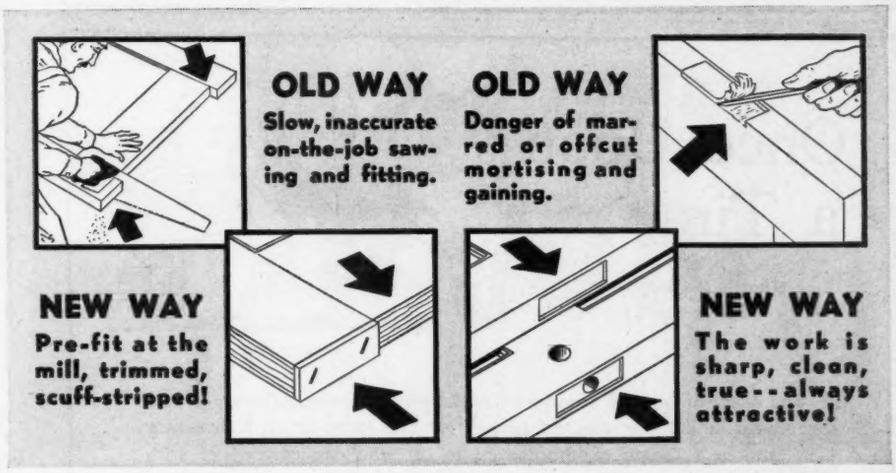
An easy way to show all or most of the first floor sales departments is to design the store as an open-face shop. This means far more than merely to omit the usual permanent show window backgrounds, thus exposing the interior of the store to the window shopper. It means careful study of all the elements of the store, inside and out, to produce a harmonious ensemble. Such well-arranged effects can be very much like the familiar grand finale in a musical comedy when all the cast lines up in group photograph style before an impressive scenic backdrop. Passersby feel almost as if they were within the open-face store, so slight does the usual store front barrier become. Without permanent window backgrounds, the first floor sales area becomes a well-lit display in itself.

The open-face store is also the double-purpose store. Store owners

HERE'S WHY YOU'LL SATISFY CUSTOMER DEMAND WITH DOUGLAS FIR DOORS - - - "FACTRI-FIT"



They're Completely Machined, Precision-Made - - - to Meet the Demands of Modern Building!



The trend in building is more and more toward partial prefabrication with more and more of operations being done in the factory before the item is brought to the job. These Douglas fir FACTRI-FIT* doors — available on special order — are right in line with the trend. They're pre-fit, trimmed, gained and bored or mortised — with all the work done at the mill by high-speed precision tools. Savings on the job more than offset the slight additional cost!

You can supply these Douglas fir FACTRI-FIT doors right now — today — for a limited range of essential jobs. When war restrictions are lifted, more and more of your customers will want them for **every** job. They're durable, attractive, precision-made—and the line features modern, all-purpose 3-panel designs adaptable to every type of building. Stock and sell them for a more profitable postwar door business.

Send for our new catalog showing the complete line of Douglas Fir interior doors, Tru-Fit entrance doors and new specialty items.

*Douglas fir doors are also manufactured in two other classifications as ordered: STANDARD—made oversize for fitting in inexact openings; PRE-FIT—trimmed to size, but without other machining. Doors are "grade trademarked" for ease in specification and supplying.

Douglas Fir DOORS

FIR DOOR INSTITUTE

Tacoma 2, Washington

Remember! NATURE MAKES DOUGLAS FIR *Durable!*

Durable Douglas Fir Doors are made from all-heartwood, vertical-grain, soft, old-growth Douglas Fir.

THE NATIONAL ASSOCIATION OF DOUGLAS FIR DOOR MANUFACTURERS

You Can Supply a Good Roof -- At a Reasonable Cost!

Abesto Cold Process Roofing Materials bring built-up roof and re-coat work profits into the lumberman's field.

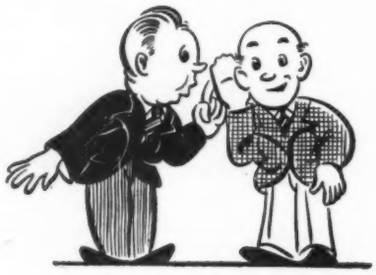
Used with any standard brand plain roll roofing, ABESTO LIQUID, FIBERATED, SEMI-PLASTIC, and PLASTIC build roofs that are easily laid and give long, efficient service.

Write for our literature and free specification sheets.

Abesto Manufacturing Co., Dept. 2 Michigan City, Indiana

Once Upon a Time . . .

(That is the way most stories begin.)



The story of lumber should be told by lumbermen whenever and wherever a listener can be found, for the story is an interesting one and is a theme of importance to all who are concerned with housing.

Lumber is durable. While most people know that fact in a vague sort of way, there are many interesting examples to illustrate it. Old log cabins, covered bridges and aged buildings scattered throughout the older sections of the country testify as to how lumber stands the ravages of time.

Back in the twelfth century the Hopi Indians, or their predecessors in what is now a part of New Mexico, used timbers in the construction of their buildings and those timbers are in such good condition today as to excite admiration. If that is not enough, here is another example: pine pilasters have been found which, according to scientists, date back to 643 A.D. Yes, lumber lasts.

As lumber has a past, so lumber has a future. That prime building material will be available to supply the building needs of the next generation, as well as this one when the military urgency now demanding so much lumber has passed. Yes, you will be able to get lumber, good lumber, KIRBY lumber.

As loyal lumbermen, let's plan with lumber, let's dream lumber, and let's talk lumber.

KIRBY LUMBER CORPORATION

Pine and Hardwoods

HOUSTON TEXAS

and designers don't need to make any great decision as to whether they will have an open-face or closed-face store. Instead, they may have their cake and eat it too. If the store designer provides the necessary equipment, it is an easy matter to put up solid backgrounds in every show window whenever the management wants a closed-face shop. For the sake of a varied show, this may happen quite often.

Again, open-face stores are not expensive. Modern stores demand a well-tailored, smoothly functioning sales space no matter what the store front is like. To put this interior on view, the only necessary expense is to hire a good architect. It is even possible by this means to have every interior sales department represented in the display line-up every day of every week.

Whether in the show windows or throughout the first floor, the worse enemy of the open-face shop is sun glare. Window shoppers are liable to see only their own reflections and the street scene behind them as they peer into the store. To combat this, you must remember to use a few simple tricks.

First, keep sales room lighting intensities high. Then throw some of this lighting down the side and rear walls of the salesroom by means by continuous lighting troughs. This strip lighting will help to illuminate merchandise as well as walls. Next, keep the wall and ceiling color schemes light in value. Above all, keep the awnings down on a sunny day.

You can not completely eliminate daylight reflections on the show windows but you can allow window shoppers to see through them into the store.

On any store front, overhead and eye-level signs are necessities for proper store identification. Overhead signs on marquee, sign panel, or upper sales floor front will read from a distance—from across the street or up and down the block. Such signs must be boldly simple so that he who runs or he who drives by can read. For those walking by on the front sidewalk, smaller eye-level signs painted on the show window glass or lettered on the store walls will serve. Remember that store fronts act as silent salesmen after store hours. Therefore it is wise to have some or all sign letters illuminated. Any of the standard methods—front face neon, inverted neon, or luminous face lettering —may be used. A time-clock for signs and display lighting will automatically turn off the show sometime during the evening.

(The following paragraphs pertain particularly to furniture stores, but the basic principles discussed are applicable to building material stores —particularly those modern establishments that have departmentalized their business and sought consumer sales.)

The high display level created for the store front should be carried into

all the sales departments. It's a bad let-down for customers to see a fine collection of model rooms on the street front followed by an aimless, boring display of merchandise inside. A few strategically-placed and well-lit furniture groups scattered throughout the various sales areas will help to maintain customer interest and that buying impulse. An occasional model room will do wonders even though the back-up walls are only suggested by dwarf partitions.

Above all, too many furniture stores fail to realize the sales value of law and order. Floor pieces don't have to be jammed back to back in regimental formation. Instead, place movable dwarf partitions between those rows of beds, bureaus, chairs or sofas. It's amazing to watch the result! Each piece shines out like a special display instead of killing its neighbor's good looks. For variety, have a few curved rows, or U-shaped rows, or L-shaped rows to form more interesting floor patterns.

Every department in the store has its own sales and display problems—each one should be given the benefit of some inspired and logical planning.

For postwar visualization, three projects are presented as design statements of the ideal furniture store. However, they are not postwar "baloney." Instead, they are to be built out of stock parts that even now are ready for the production line. All the principles of planning, displays, lighting, signs, and choice of materials and colors that have been previously discussed are utilized in these stores.

All three were designed for main street locations. They function as animated, three-dimensional billboards; their customers are crowding a busy shopping district.

"Blackman's Furniture Store"

This is a large three-story store with a generous frontage in a mid-block location. The same store design, however, would do equally well on a street corner and would then have one more front for first floor displays and upper sign panels.

The entrance is placed to one side for good, common sense reasons. A central doorway always divides up the store front into two equal display areas, inflexibly frozen into a pair of set show windows. But when you put the entrance to one side or the other, it frees the street front displays. The display department can set up a number of model rooms, by the use of movable partitions, or can use the long window space for a single sales promotion.

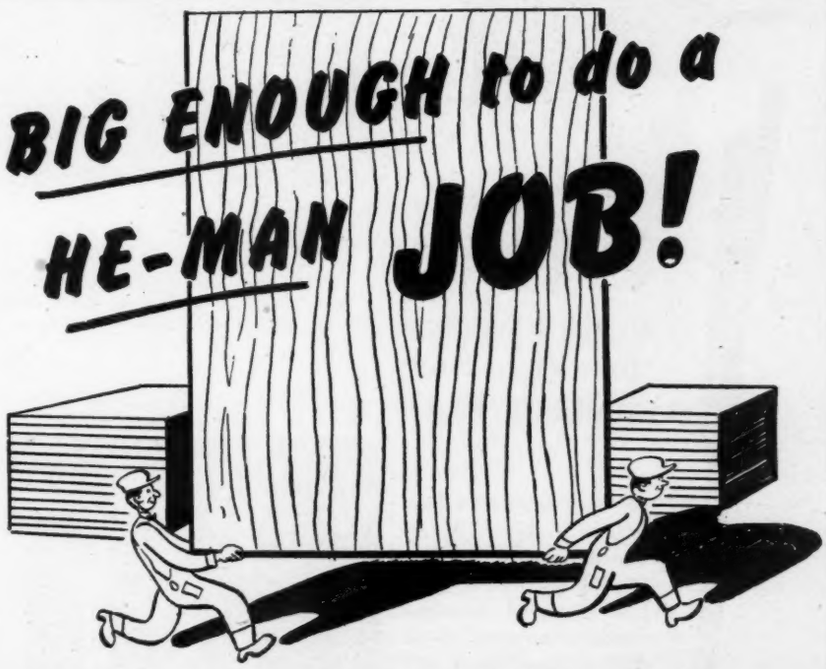
The entrance is more than a set of doors—it is a picture window view of the first floor sales area. This is accomplished by using clear-vision glass-and-metal doors and glass side and transom panels.

There is a common lighting system of ceiling spots for show windows and entrance lobby. Show window bulkheads are low to put show window floor levels realistically near street level. Should a different show be put on, these floor levels could be raised by additional platforms as desired.

The entire store front is pushed back from the building line a few feet to provide shelter and elbow room for window shoppers. At the same time, this adds punch and character to the whole display line.

Blackman's is a closed-faced store, but it could just as easily be an open-face store. All you have to do is take down the removable show window backs and store them for a while in the basement display department.

The pegged-out marquee sign is used for general store identification. Below it, there will be small painted signs at eye-level on the glass of the show windows. Above the first floor, each successive story of the building acts as an additional sign panel. The upper walls are finished in a flexible wall material with either a porcelain enamel or aluminum finish. Any type of illuminated lettering can be attached on this surface. A horizontal opening at each floor level conceals the air intake or exhaust grilles of the air-conditioning system. Flexibility in store design is the proven watchword of the future—this store



TRU-BILT PLYWOOD COMES IN BIG SIZES FOR BIG JOBS

Think of the advantages of ordering in sizes to fit the job to save time, labor and waste. TRU-BILT comes in sizes up to 72" x 144". TRU-BILT not only comes in big sizes, but it has superior *strength* in all sizes.

Other qualities include weather resistance, smooth finish, controlled uniform moisture content, waterproof quality for exterior use. Manufactured with pure phenolic resin glue and the superior Hot Press method.

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WEST COAST PLYWOOD CO.

ABERDEEN, WASHINGTON

Manufacturers of

HOT PRESSED—DOUGLAS FIR PLYWOOD

CALDWELL
SASH BALANCES for UNIT WINDOWS

(Type—
242 FT.)

(Vertical
Balance)

Two Types of Sash Balance to Suit Your Particular Specifications Right Now and Post War

The Caldwell 242FT Sash Balance is especially designed for manufacturers of Pre-fit "Stream-line" Unit Windows. A strong, compact, and easy to install balance, most efficient in operation.

The Caldwell Vertical Sash Balance is the answer to the demand for a time-saving spiral balance. It eliminates most of the winding and adjusting at the job; is concealed in the sash; lasts longer and operates quietly; saves time and adjustment in installation; and requires no special tools.

The ease of installation of Caldwell Sash Balances saves many man-hours on the job, and their satisfactory operation is guaranteed for the life of the building. Now is the time to plan your post-war window unit.

For further engineering service and illustrated literature describing these Sash Balances, write

THE CALDWELL MANUFACTURING COMPANY
60 Industrial Street Rochester, N. Y.

Above: The Lawrence Lumber Co., Lawrence, Mass., displays its paint stocks on neat, well-ordered shelves as shown here.

Mass displays such as the group of ladders pictured above, and the doors shown in the insert, are sometimes a psychological sales booster. The Edward Hines Lumber Co. uses these displays to good advantage in its Super Home Store at 1620 W. 59th St., Chicago. No doubt more artistic effects could be achieved by showing only one or two pieces of merchandise against a poster background — but these mass groupings attract the customer's attention more quickly, display a greater variety and sell more merchandise.

design is flexible in all its elements—from top to bottom and from building line to sales room.

Knox Furniture Store

Smaller, midblock stores in some busy shopping districts could utilize this "machine for selling" to advantage. It has a twenty-foot front, a first floor sales room, and a basement for storage, services and mechanical epuipment. Receiving and shipping would be taken care of at a rear service entrance. The ceiling height is the average one of twelve feet.

This ceiling does not stop at the store front—it projects several feet into the street, forming an impressive marquee. This marquee supports the store lettering. It is a prominent sign board up and down and across the street. The aluminum front edge of this glorified ceiling is also the lid of a stock lateral arm owning box.

Below the ceiling, the store front is recessed several feet back from the building line to provide a comfortable window shopping area. Here the main show is the store's sales room, seen through the main show window. Three different types of furniture display are thus provided for—a group of selected pieces on the show window floor near the glass line, a huge movable display plaque that shows furniture in plan, and a more distant view of the well-lit floor departments.

As in most open-face shops, the show window can easily be closed by a curtain or by removable panel walls when a closed-face store is required. To make the open-face shop look still more open, we use a solid entrance door with a small vision panel eye-level. This dramatizes the show window by contrast.

Knox-Gardiner Store

Remember those second floor show windows often seen in big city stores? Remember, too, that they seldom are successful because you can't see into them from below? They don't work because you can't take a display meant to be seen at eye-level, lift it up ten or twelve feet in the air and expect people to see and appreciate it as well as if they were able to look right into it in a normal way.

But there is a good, logical way to utilize those second and third story levels for street front display. Simply tilt your displays towards the window shopper—then you will have an exciting show that he or she can study from close at hand or across the street.

It makes a wonderful poster, as this furniture store proves. Here is an eighty-foot wide, midblock front, three stories high. There is a glass screen wall three stories high placed a little bit back of the building line. The entrance doors are a part of this glass wall. Behind the wall is an open-face first floor with all its sales departments, and above a series of two-story high display boards dressed with assorted groups of furniture, clamped to each successive panel. Each panel pivots at the center, so that it can be swung into a horizontal position at the third floor level, locked in place, and dressed with displays.

This billboard animates the whole store front, counting up and down and across the street as nothing else could do.

To right and left, the side walls of the store are sheathed with colorful porcelain enamel. Big metal sign letters mounted on those walls identify the store up and down the block. Wall cases lead attention into the store's interior. Above the third story ceiling projects enough into the street to shade most of the store front. The big sign is hung from this upper ceiling. In such locations as needed it, there could be a continuous awning built into one of the large horizontal glazing members.

Summary

It can easily be appreciated that stores are complex "machines for selling." Store front, signs, displays, sales rooms, service areas, public traffic routes, materials, color, lighting, and mechanical equipment all have to work together or they won't work at all.

Of course, no machine will do everything. It has to be well-run to be effective. But a good merchant in a good store at a good location makes an unbeatable combination.

This material has been condensed from a presentation made at the Store Modernization Clinic held in January by the National Retail Furniture Assn.

Protexol Fire Retardant Wood

What is Fire Retardant Wood?

Protexol Fire Retardant Wood is wood which has been pressure impregnated with Protexol chemicals to render it PERMANENTLY incapable of supporting combustion, and to resist insects and decay.

Is Protexol Something New?

No. Protexol is a time-tested product which has been consistently improved and perfected since 1895. It is inspected and listed by the Underwriters' Laboratories.

What Should Be Protexol Treated?

Wood going into all places of public assembly such as theatres, schools, office buildings, apartments, stores, and certain types of factories and warehouses (particularly trusses, roofs, doors, etc.) should be Protexol treated. It is desirable to Protexol treat certain parts, if not all wood in home construction, including joists, studs, sheathing and sub-floors. The New York City building code has required fireproofed wood for interior trim since 1899. Use of Protexol fireproofed wood has been growing year by year.

Dealer Opportunities on Protexol!

Protexol is definitely interested in the lumber dealer—and has served a large number of dealers. Protexol treatments are available throughout the country, for protection of wood against fire, decay and insects.

Every lumber dealer who serves a metropolitan or local building market should write for circular 107.

PROTEXOL CORPORATION

PROTEXOL CORPORATION
105 Market St.
Kenilworth 4, N. J.

SOUTHERN YELLOW PINE
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SOUTHERN HARDWOODS
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SAVE *with a* **LEITELT LUMBER LIFT**

Serving:
Your Planer, Cut-off Saw, or other First line machine

SAVE LABOR AND FLOOR SPACE
INCREASE OUTPUT
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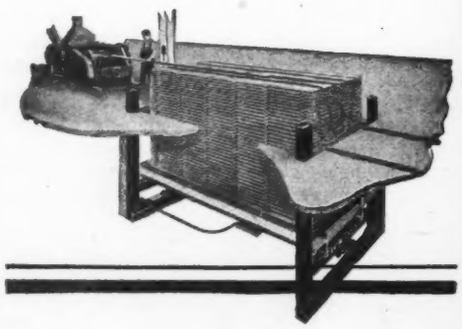

Also Manufacturers of:
Power Transfer Cars
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Erie Ave., W., Grand Rapids 2, Mich.

Signs Work Overtime

By M. R. Ely
Executive Secretary, National Electric Sign Association

SEVERAL YEARS from now the successful retail store owner will be the one who had foresight to plan for the future. When the mad scramble to buy merchandise that was not available during the war begins to level off, competition will really become tough; and not only the retailers in your own line but those in others as well, will all be fighting for a share of the consumer's dollar. The merchant who takes full advantage of the equipment and methods that are available to help him create sales, will have a far greater opportunity to operate a profitable business.

One of your best assets will be a modern place of business—a store that is outstanding enough to attract customers and make them want to come back again. Lay your plans on a long-range basis with a definite goal in view. It may not be possible to complete the entire job all at once, so develop a project that can be expanded according to a specific plan instead of periodically making costly changes. After all, a store represents a sizeable investment of your hard-earned cash, and it is only good sound judgment to make that investment pay dividends.

One of the most essential selling tools for any retail store is an adequate sign. An electric sign has been, and will continue to be, one of the most effective methods of drawing customers to a store. A good electric

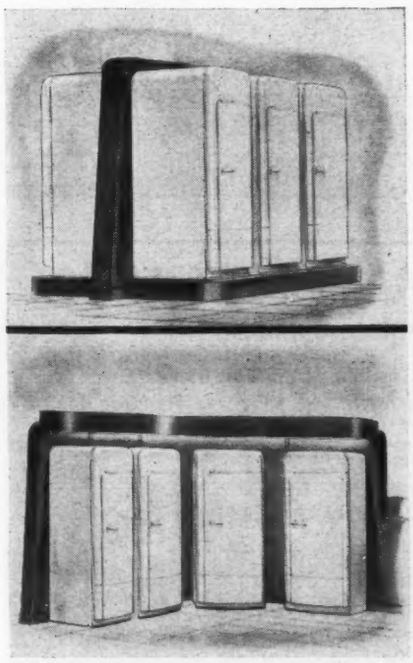
sign performs many services and all of them well, at a lower cost than can be obtained by any other method. First of all, a sign is a means of identification. It identifies the name of the establishment, the type of merchandise sold and the place where the customer can buy—three principles that are basic requirements for any type of retail store.

An experience that took place in Kansas City, Mo., well illustrates the importance of this function of a sign. Two well established retail concerns moved to new locations in the same block. One built an elaborate new store but did not include an effective sign. The other modernized an old store and installed a large attractive electric sign. After a period of nearly a year a survey was made, in which people on a street corner several blocks away, and where neither store could be seen, were asked if they knew where each store was located. Over 80 percent knew the approximate location of the one with the large electric sign while only 12 percent could recall the location of the other. Despite the fact that one company had by far the more imposing structure, it was the means of identification that made the greatest impression.

Another highly important service performed by signs is advertising. They are the most effective point-of-sale reminder that can be obtained. This is especially valuable in not only reaching the permanent residents, but the visiting population as well. An

More and more building material dealers are securing franchises to sell home appliances. The background suggested here, built in sections, can be adapted for use with stoves, refrigerators, washing machines or any number of items that might be featured on the floor of the building material store in years to come.

Photo: Admiral Corporation



BABCOCK

LADDERS

With Steel Rung Braces

Keep your thoughts high for ladder business after the war. We are doing our utmost to meet Government and necessary civilian needs. We appreciate your patience and cooperation during this emergency.

The W. W. Babcock Co.
Bath, N. Y.

YOUR
DEPENDABLE
SOURCE OF
SUPPLY
WRITE FOR
TELEPLY TICKER
STOCK LIST
TODAY

1732 ELSTON AVE., CHICAGO 22, ILL.

outstanding sign constantly supplies desirable repetition—it is seen many times over and each time delivers a sales message. After all, it is circulation that makes advertising pay; and large circulation is what a sign gives.

Naturally, an illuminated sign costs more but pays for itself by working longer hours, as well as contributing to the appearance and action of the entire store. It stays on the job day and night, advertising the store and its merchandise. In fact, it is always there doing a selling job.

Although a sign does not take the place of other advertising media, neither can it be replaced by them. Each has its own particular purpose, and signs are a necessary part of any advertising program, as one medium aids the other. Signs tell where to buy after other means tell why to buy. Very few products can be successfully sold without a forceful method of focusing the effect of advertising media where sales are actually made. Most large manufacturers know that dealer's signs are an important part of their advertising program and recognize that much of the value of national advertising is lost unless the stores where their products are sold are prominently identified.

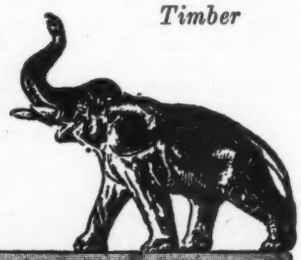
In order to get the most value from your investment, there are several factors that should be considered before buying an electric sign. First of all, thoroughly analyze the situation and select a sign which will most effectively do the job for your particular circumstances. Find out what other types of signs are already in use near your location and select one that will be distinctive. Have your sign designed so that it will harmonize with the building structure, and create a favorable impression rather than hanging some appendage that will detract from the surroundings and become an "eyesore." Do not overlook the importance of colors in creating the proper decorative effect and increasing the sign's "readability" during the day, as well as at night.

Use considerable care in choosing the copy for your sign. In some cases, particularly when a business is well established, merely the name, for identification, is sufficient. In many instances, however, a slogan or message will greatly increase the value as a selling aid. The type of electric sign which is equipped with changeable letters provides an excellent means of advertising, and their use is rapidly increasing by stores with a sales message to deliver. They can be attractively designed and offer greater flexibility in supplying the individual requirements of any particular type of store.

Remember that a well built electric sign will give long life at lower operating cost, and, if adequately maintained, will contribute much toward selling goodwill. A quality store needs a quality sign that reflects the character of an institution, as well as the merchandise it sells. No enterprising organization dresses its salesmen in overalls to greet a customer; so why should it hang a shabby sign in front of the store to get people inside. The proper "front" and "showmanship" go a long way in merchandising.

With the exception of quantity production wherein a large company purchases signs for use by its dealer organization, the design and construction of signs is an individual proposition. By consulting both a competent architect to design a store front, and a reputable sign manufacturer, a custom built sign can be obtained which will meet the requirements of advertising, as well as fitting in with the architectural features of the building.

Row River Lumber Co.
Terminal Sales Bldg., PORTLAND, OREGON
Mill at Dorena, Ore.
Manufacturers Old Growth
Douglas Fir
•
Member: Willamette Valley Tree Farms

IVORY PINE
All that the name implies
From Soft Textured Klamath Basin Timber
Quality lumber from modern mill and kilns. Manned by an efficient organization—small enough to give your orders INDIVIDUAL attention—large enough to serve ALL your needs. Member Western Pine Association.

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MANUFACTURERS OF PONDEROSA PINE KLAMATH FALLS ORE.
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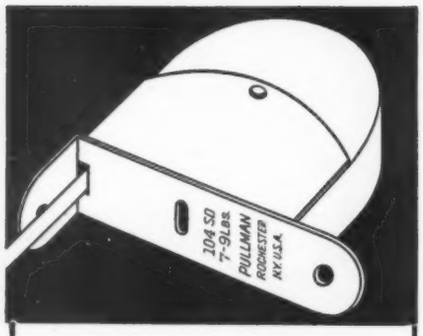

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Postwar Lighting Requirements

By R. F. Hartenstein
Ohio Edison Company

THE WAR'S END is sure to usher in a new era in lighting. Here is a review of new fluorescent lamp developments that have been announced in the past year.

New "instant start" 40 watt type F fluorescent lamps are now available in limited quantities and while they are now being used in war plants only, they will be available for stores shortly after the conclusion of the war. This improved lamp means a lot to fluorescent lighting installations in view of the fact that previous to the time this lamp was developed starters had to be used, which took probably from one second up to five seconds to start the lamp.

New circular fluorescent lamps were announced during the past year. True, they are only in the laboratory stage now, but by the end of the war they will be available in three wattages—20, 30, and 40 watts — and the approximate over-all outside diameter will be 8½ inches, 12¼ inches, and 16 inches respectively.

A new line of four extremely "thin" fluorescent lamps was announced recently. The newest unit measures only one inch in diameter and eight feet in length. Also included in the new line are two ¾ inch diameter sizes — one approximately 3½ feet long and the other slightly less than 5½ feet in length — and another one-inch diameter lamp, approximately six feet long.

The announcement of these new types of lamps was made so that the equipment manufacturers could design luminaires for their use when priority limitations are lifted.

Merchants postwar can really have lighting keyed to the needs of their business. Rather than so many foot candles deposited throughout the area, light can be used to accentuate the goods for sale. In the store the use of color and other tints will help decoration and create moods.

Careful Planning Needed

Postwar lighting requirements must be carefully planned by illuminating engineers who know how to apply these new techniques. To provide illumination suitable for any particular store necessitates, in most cases, a specially designed lighting system.

To obtain the best results from these new techniques, guess work must be eliminated and real illumi-

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nating principles employed. No longer will it be possible for the merchant to lay out his own lighting if he wants to derive full benefit from the money he spends in obtaining a good lighting system.

In the lighting business there are lighting engineers who have spent years of study in the application of lighting principles in retail stores. These lighting engineers are in a position to give you assistance. All of the lamp companies and most of the power companies have these experts available to you, at no cost or obligation.

It is also true that in the postwar period, if the merchant wants his share of the customer's dollar, general lighting levels must be from three to five times higher than they are now. True, before the advent of the fluorescent lamp, these levels were impracticable, due to excess heat and the additional wiring necessary. However, levels of 50 foot candles can easily be obtained through the use of fluorescent lamps which, through their efficiency and coolness, eliminate the objections of the past. The cost of good lighting in stores is within the reach of every store owner or operator.

General lighting in stores, in most cases, should be supplemented with special wall case, show case, free standing interior display, and display shelf lighting. Here again the illumination of these interior displays should be worked out by an illuminating engineer in cooperation with the store owner. The amount of illumination will vary, depending upon what the lighting is used for.

Window Lighting

Window lighting demands very careful consideration in your postwar plans. It is the opinion of many designers that the store of the future will be in effect one large show window. This innovation is possible and practical However, it calls for careful planning.

It is a known fact that 87 percent of all of our impressions come by the way of the eye and it is, therefore, self evident that window displays must be lighted to such an intensity that will sell the merchandise displayed to the passerby, who may have a casual interest in it. The situation is complicated by the fact that a pedestrian passes the average display window in less than seven seconds and yet in that short period of time the merchandise displayed must appeal strongly to his buying interests. If it cannot be seen quickly, it does not attract his attention, he passes on and the display fails to function. Seven important factors influence the lighting of window displays. They are:

1. **Time.** Time plays a very vital part in seeing and for that reason it is important in display lighting.
2. **Window Arrangement.** Careful

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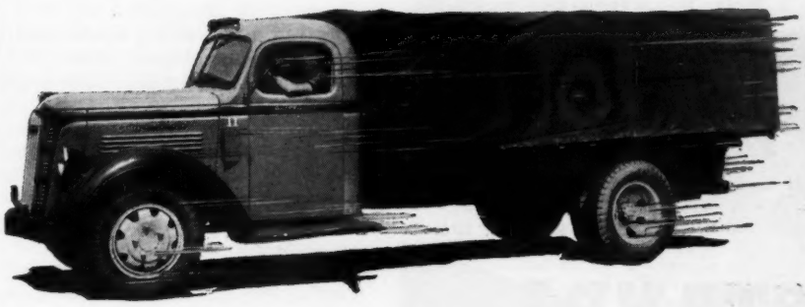

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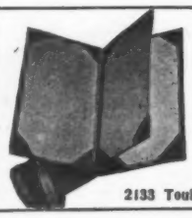

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planning of the merchandise displayed in any show window is necessary. High-lighting of one or two objects in the window not only gives greater attention value, but also breaks the monotony of the window, and will attract the passerby more quickly than if not used.

3. **Size.** Size of objects displayed in windows determines the amount of lighting necessary. When small objects are displayed, more light is necessary than when larger objects are displayed.

4. Contrast. Contrasts are ever present in show windows. Therefore, consideration should be given in designing the lighting insofar as possible to bring out these contrasts through the use of light.

5. **Brightness.** The brightness of a display can be controlled with proper light.

6. **Daylight Reflections.** Care should be taken in designing lighting for windows to provide enough artificial illumination to eliminate, as much as possible, daylight reflections. With few exceptions, a high level of artificial illumination is the best method and the most inexpensive one in eliminating the annoying and sales hindering daylight reflections from store windows.

7. **Color.** Colored backgrounds, colored merchandise and supplementary colored equipment in the windw, all add to its attraction factor. Colored light, properly applied, can be even more attention appealing.

The level of illumination to be recommended for window lighting depends, as can be seen from the foregoing analysis, upon many factors including the locality, the background of the merchandise displayed, and the passerby. Fluorescent lighting, while very efficient, in my opinion should not be used alone for window lighting. Many windows have fluorescent lighting installed, but my experience has been that unless some type of incandescent fixture is used in conjunction with the fluorescent system, the window lacks the necessary punch.

One of the bottlenecks of good lighting installations in many stores has been the lack of adequate wiring. I cannot stress too much its real need. Before any job is installed, careful consideration should be given to the wiring, because good lighting is impossible without adequate wiring. Adequate wiring provides for economical distribution of electrical energy to the lighting equipment and for the maintenance of satisfactory voltage conditions. Wiring of ample size should be installed to carry the load. Sufficient flexibility of the installation should be insured to allow for changes in the utilization of spaces that may call for changes in lighting. The wiring should have ample capacity to take care of probable future needs.

This material has been condensed from a presentation made at the Store Modernization Clinic held in January by the National Retail Furniture Assn.

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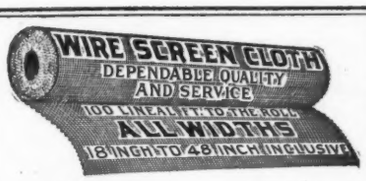

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Modern Store Front Lighting

By F. W. Fuller
Sylvania Electric Products, Inc.

DURING the postwar a great many of you will want to bring the appearance of your stores up-to-date. You will want to remodel, renovate and make your place of business more attractive when manpower and materials are again available. A great many technological advances have been made during the war. Those advances have created new techniques and the availability of many new materials which will be important to postwar merchandising.

Postwar trends point to a transformation of the old conventional type of store front without specialized illumination into a colorful and attractive display. Modern structural designs use many new materials, combined with specialized lighting, to permit each merchant to individualize the appearance of the shop.

Night lighting will not be restricted to the storekeeper's "shingle" and windows. The trend toward open front treatment will, in many instances, extend the store front display to include the entire first floor of the shop.

Lighting becomes a matter of increasing importance and will be an integral part of the architectural design of the store. The postwar "front" will employ all types of modern electric lighting, using the particular type best suited for a specific effect. The store front exterior will make extensive use of colored light, which in many instances, will be as versatile as current forms of stage lighting. The use of colors may be varied at will.

One of the best means of providing those total lighting effects for the store front is through the use of custom cold cathode fluorescent lamps. Just as conventional fluorescent lighting serves indoors, large low-brightness sheets of light provide an ideal quality for lighting entire outdoor panels, back-lighting or face-lighting of cut-out letters and providing an even distribution of light in translucent panels. Tubes of various lengths and several diameters also permit building lines of light into the store front design. Rated useful lamp life is more than eight thousand hours, approximately twice that of fluorescent lamps for indoor use.

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through the electrical characteristics of the lamps themselves which may be dimmed to a small fraction of normal brightness without flickering.

Where open fronts are contemplated in stores it is essential to visualize the lighting treatment within the store—which then becomes the backdrop for the store windows. Standard fluorescent lamps are best for this purpose since customers prefer to look at merchandise under normal good lighting conditions. This is usually true also of windows where concealed standard fluorescent lamps may be used to advantage to flood one whole area with a uniformly high degree of light.

The interior of the store will then be visible as a part of the store front display. Fixtures should be placed to provide not only adequate interior lighting, but also to produce an attractive effect from the street. If the light sources are visible from the street but are shielded from view within the shop, there will be a double benefit. Customers will not only enjoy the benefit of softly diffused lighting when they are buying merchandise, but they will also be attracted to the store by the brilliant lines of unshielded light visible from the outside. For general window lighting four rows of standard fluorescent lamps ceiling-mounted and running parallel to the street, complemented with two rows properly louvered at each end at right angles to the street can be most effective. Where special exhibits within the window require spot lighting, concealed incandescent spot lights will still be used.

Outdoor lighting should be studied carefully since many forms of indoor lighting are not suitable for outdoor use. Unprotected standard fluorescent lighting is not practical for exterior use because the equipment is not weatherproof nor does it operate satisfactorily at the low temperature of winter. Fluorescent tubing, however, operates at relatively high voltage and lights instantly, the starting unaffected by winter temperatures. The necessary operating equipment consists essentially of a high voltage transformer. The transformer need not be located outside the building... but should be installed in such a way that it is concealed, ventilated and readily accessible. One transformer will supply the requirements of as many as twelve lamps if they are series connected. Separate lines of tubing for blending different colors will require separate transformers for each line. Multiple dimming equipment for producing varied color effects from two or more lines of colored tubing should be conveniently located for lighting adjustments at any time. Tubing should be installed in such a way that replacement and servicing may be done conveniently.

This material has been condensed from a presentation made at the Store Modernization Clinic held in January by the National Retail Furniture Assn.

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CALIFORNIA

Theodore Kornweibel 817 S Palm Ave Alhambra
Lee Canfield 2542 N Holliston St Altadena
Perry E Canfield Burbank
Joseph Weston 701 Cogswell Rd El Monte
Geo W Kennedy Box 815 Fresno
Horace E Wolfe 1830 N Cherokee Ave Hollywood
Ralph E Barto Lbr Co Huntington Park
Roy E James Huntington Park
American Hardwood Co 1900 E 15th St Los Angeles
Anglo-California Lbr Co Inc 655 E Florence Ave Los Angeles
Back Panel Co 312 E 32nd St Los Angeles
J H Baxter & Co Inc 601 W 5th Ave Los Angeles
Bohnhoff Lbr Co Inc 1500 S Alameda St Los Angeles
Boyle & de Does 1325 Firestone Blvd Los Angeles
Burns Lbr Co 727 W 7th St Los Angeles
W E Cooper 555 S Flower St Los Angeles
Globe Lbr Co Lts 3557 S Hill St Los Angeles
Kemp Hdwe & Lbr Co 1133 E 63rd St Los Angeles
H W Koll Mill & Lbr Co 2124 Hyde Park Blvd Los Angeles
Lawrence-Philips Lbr Co 714 W Olympic Blvd Los Angeles
Lumber Buyers Exchange 1151 S Broadway Los Angeles
Pacific Cedar Shake Co 869 Westbourne Dr Los Angeles
Penberthy Lbr Co 2055 E 51st St Los Angeles
Pope & Talbot Inc 714 W Olympic Blvd Los Angeles
Reel Lbr Service 1249 E 63rd St Los Angeles
Scrim Lbr Co 111 W 7th St Los Angeles
Arlo D Squires 416 W 8th St Los Angeles
E J Stanton & Son Inc 2050 E 51st St Los Angeles
Western Hardwood Lbr Co 2014 E 15th St Los Angeles
W W Wilkinson Los Angeles
Wm H Wilson 253 S Hoover St Los Angeles
Lumbermen's Supply Inc P O Box 150 North Sacramento
Gorman Lbr Co Inc 4621 Tidewater Ave Oakland
Marshall Shingle Co 608 16th St Oakland
Wholesale Lbr Distributors Inc 601 de Fremery St Oakland
J C McLachlin 1666 E California St Pasadena
A B Whieldon & Son P O Box 334 Pasadena
California Lbr & Moulding Co P O Box 378 Pasadena
Western Lbr Co of San Diego Foot of Columbia St San Diego
Atkinson-Stutz Co 112 Market St San Francisco
Barg Lbr Co 16 California St San Francisco
California Sugar & Western Pine Agency Crocker 1st Natl Bk Bldg San Francisco
Otto W Frese 268 Market St San Francisco
Edwin G Gallagher 2551 18th Ave San Francisco
Gamerston & Green Lbr Co 1800 Army St San Francisco
James L Hall Mills Bldg San Francisco
Hammond Lbr Co 417 Montgomery St San Francisco
J E Higgins Lbr Co 99 Bay Shore Blvd San Francisco
Huddart & Baker Monadnock Bldg San Francisco
Kent Lbr Co 333 Montgomery St San Francisco
Kummerlander F 105 Montgomery St San Francisco
Lassen Lbr & Box Co Monadnock Bldg San Francisco
McCormick Piling & Lbr Co 1 Drumm St San Francisco
McDuffee Lbr Sales Corp Monadnock Bldg San Francisco
Paulson Lbr Sales Agcy Monadnock Bldg San Francisco
Pope & Talbot Inc 461 Market St San Francisco
L D Reeder 145 Natoma San Francisco
Santa Fe Lumber Co 116 Calif St San Francisco
Stokes & Steele Lbr Co Monadnock Bldg San Francisco
Sudden & Christenson Inc 310 Sansome St San Francisco
Union Lbr Co Crocker Bldg San Francisco
Vander Laan Piling & Lbr Co 216 Pine St San Francsico
Carl W Watts 681 Market St San Francisco
Wendling-Nathan Co 564 Market St San Francisco
White Bros 5th and Brannan St San Francisco
E K Lbr Co 1 Drumm St San Francisco
Frank Curran Lbr Co Inc Santa Ana
Pacific Mfg Co Santa Clara
Goehring Lbr Co Wilmington

COLORADO

Dan G Lelley E & C Bldg Denver
C Jesse Garrison P O Box 23 Denver
Geddes & Aldom Inc 1100 14th St Denver
McGuffin Lbr Co 922 Bannock St Denver
Walter Lindsey Lbr & Supplies P O Box 7145 Denver
Louis W Nissen Lbr Co 1100 14th St Denver
Sterling Lbr & Investment Co Tramway Bldg Denver
O G Valentine 828 17th St Denver
C P Congdon Pueblo

CONNECTICUT

Patmore Millwork Co Inc 740 Central Ave Bridgeport
Hugh W Dougherty P O Box 1606 New Haven
Guernsey-Westbrook Co 750 Main St Hartford
Chas B Jordan West Hartford
Wm H Short West Hartford
Alvin B Coger Newton
Andrew Ewart P O Box 16 West Haven
Walter G Mayer 35 Moulten St Whitneyville Hamden

DELAWARE

Cranston Lbr Co 1702 Conrad St Wilmington
G B Knox 2927 Harrison St Wilmington

DISTRICT OF COLUMBIA

P M Barger Lumber Co Colorado Bldg Washington D C
L A Clarke & Son Inc 733 15th St N W Washington
Johnson & Wimsatt Inc 9th & Main Ave S W Washington
Marshall Flooring Co 1228 Mt Olivet Rd N E Washington
National Lbr & Millwork Co 15th & K Sts N W Washington
Roberts Lbr Corp 917 15th St N W Washington
Martin Wiegand Inc 603 S Capitol St Washington

FLORIDA

Gate City Sash & Door Co Fort Lauderdale
De Muth Lbr Co Jacksonville
Foley Lbr Co 4550 Main St Jacksonville
A M Foote Lbr Co P O Box 1833 Jacksonville
W A Hamilton Lbr Co 2218 Myra St Jacksonville
Long-Renfro Lbr Co Graham Bldg Jacksonville
W G Hankins Kissimmee
Bailey's Lumber Yard Inc 1620 N W 28th St Miami
Gate City Sash & Door Co P O Box 1054 Miami
South Side Lumber Co Tallahassee
Logan Lumber Co P O Box 1608 Tampa
Shepard Lbr Co 509 Twiggs St Tampa

GEORGIA

Albany Hickory Co Albany
Cleveland-Oconee Lbr Co Albany
C R Garrett 907 Piedmont Ave N E Atlanta
Russell E McCullock 754 Crestridge Dr N E Atlanta
Methwin Lbr Co 22 Marietta St N W Atlanta
Mixer & Co Inc Volunteer Bldg Atlanta
W B Willingham Jr 220 Westminster Dr N E Atlanta
Zuber Lbr Co P O Box 964 Atlanta
Augusta Lbr Co 903 8th Augusta
T J Hughey P O Box 324 Forsyth
Johnston Lbr Co Moultrie
Cecil Hodges Lbr Co Oconee
Northcutt Lbr Sales Corp Sandersville

IDAHO

Continental Lbr Co Boise

ILLINOIS

Whyte-Coleman Mill & Lbr Co Cairo
H Lester Wiley Chatham
Geo F Adams 7231 Princeton Ave Chicago
Aetna Plywood & Veneer 1731 Elston Chicago
Allee Lbr Co 141 Jackson Blvd Chicago
Allen Edmund Lbr Co 228 N La Salle St Chicago
Aschmann-McGregor Lbr Co 20 N Wacker Dr Chicago
John T Baldwin Jr 19 S La Salle St Chicago
James W Ball 20 E Jackson Blvd Chicago
Chas L Baxter Lbr Co 308 W Washington St Chicago
C C Beard 53 W Jackson Blvd Chicago
S Beck Plywood & Lbr Co 1309 N Halsted St Chicago
Bigelow-Garvey Lbr Co 325 W Huron St Chicago
Botts Lbr Co 19 S La Salle St Chicago
H Brailsford Lbr Co 6725 N Campbell Ave Chicago
Buhai Sash & Door Co 3743 Belmont Ave Chicago
California Redwood Distributors Ltd 35 E Wacker Dr Chicago
Chas J Canfield 32 N State St Chicago
Geo M Coale Co 310 S Michigan Ave Chicago
William B Coggin Inc 80 E Jackson Blvd Chicago
Copeland Lbr Co 135 S La Salle St Chicago
C P Cormany 201 N Wells St Chicago
Dane Crook 6458 Nokomis Ave Chicago
Rollin S Crow 20 N Wacker Dr Chicago
J C Deacon Co 2627 S Damen Chicago
Drell Lbr Co 43 E Ohio St Chicago
V J Euler Lbr Co 360 N Michigan Ave Chicago
Theo Fathauer Co 1900 Fullerton Ave Chicago
H R Foster 1515 Howard St Chicago
Ben Franklin Lbr Co 1525 E 53rd St Chicago
W H Fullerton Lumber 1525 E 53rd St Chicago
Henry J Geschel 4719 N Winchester Ave Chicago
Gill Hardwood Co 29 E Madison Chicago
Gillis Lbr Co 29 E Madison St Chicago
Hansen Lbr Co 308 W Washington St Chicago
Geo M Harper Sales Co 322 S Michigan Chicago
Hattery Lbr Co 322 S Michigan Chicago
Heidler Hardwood Lbr Co 2559 S Damen Ave Chicago
W A Herbert & Co 111 W Washington St Chicago
Hilgard Lbr Co 332 S Michigan Ave Chicago
Preston H Holliday 400 W Madison St Chicago
Chas Horn Lbr Co 2509 W Cermak Rd Chicago
Chas C Hubbard Lbr Co 400 W Madison St Chicago
Huss Lbr Co 2301 N Racine Chicago
Joy-Tarbell Lbr Co 105 S LaSalle St Chicago
Kerns Hardwood Co 310 S Michigan Ave Chicago
E W Kettlety 19 S La Salle St Chicago
W O King Lbr Co 2701 S Damen Chicago
Kochton Plywood & Veneer 527 W Roosevelt Rd Chicago
Edward J Koza Co 1791 Howard St Chicago
Arthur T Laird Lbr Co 8258 Carpenter St Chicago
A W Lammers Co 1065 Addison St Chicago
J Lentin Lbr Co 139 N Clark St Chicago
Lucas Lbr Co 605 N Michigan Ave Chicago
Lumber Mills Co 11 S La Salle St Chicago
Marsh & Truman Lbr Co 332 S Michigan Chicago 4
L J Marshall 59 E Van Buren St Chicago
Metropolitan Lbr Co 4019 W Madison Chicago
Mid West Lbr Co 80 E Jackson Blvd Chicago
Morgan Sash & Door Co 2287 Blue Island Ave Chicago
O S Murphy 2129 Lunt Ave Chicago
National Plywoods Inc 2710 S Throop St Chicago
Oconto Co 80 E Jackson Blvd Chicago
Francis J Pike 140 S Dearborn St Chicago
Pike-Dial Lbr Co 2440 S Damen Chicago
Francis J Pike 140 S Dearborn St Chicago
Frank Porter Lbr Co 1814 N Central Pk Ave Chicago
W H Rolff & Co 4106 N Troy St Chicago
A H Ruth Lbr Co 64 E Lake St Chicago
Salb Sash & Door Co 2509 W Cermak Rd Chicago
John H Shook Lbr Co 110 N Franklin St Chicago
J Slimmer 2637 S Throop, Chicago
R W Smith Lbr Co 7936 S Merrill Ave Chicago
Somerville-McGinn Lbr Co 308 W Washington Chicago
Squires & Fisher Lbr Co 6824 Normal Blvd Chicago
Upham & Walsh 1608 Milwaukee Ave Chicago
Van Etta Lbr Co 236 N Clark St Chicago
G A Vangsness 166 W Jackson Blvd Chicago
Vanlandingham Lbr Co 19 S La Salle St Chicago
Walter Vanlandingham 400 W Madison St Chicago
R M Walker & Co 343 S Dearborn St Chicago
Harvey D Welch 9 S Clinton St Chicago
Westwood Lbr & Veneer Co 205 W Wacker Dr Chicago
Weyerhaeuser Sales Co 400 W Madison St Chicago
White Star Lbr Co 11 S La Salle St Chicago
Whyte-Coleman Mill & Lbr Co 176 W Adams Chicago
Winegar-Gorman Lbr Co 176 W Adams Chicago
H R Winton Lbr Co 4753 Broadway Chicago
Nat F Wolfe Lbr Co 228 N La Salle St Chicago
Wuichet Lbr Co 80 E Jackson Blvd Chicago
Wuichet-McLelland Lbr Co 1791 Howard St Chicago
Raymond Yates & Co 19 S La Salle St Chicago
J M Junge 5859 W Ogden Ave Cicero
Interstate Lbr Co Box 250 Danville
Alexander Lbr Co Decatur
W J Huff & Son Decatur
Lewis Shoop Box A Decatur
Illinois Lbr Co Inc Edwardsville
Walter C Shoop & Son Box 115 Effingham
O J Leonard 114 Cannan Ave Evanston
Mercer Lbr Companies 2738 Greenbay Rd Evanston
H Pool 906 Michigan Ave Evanston
L J Pomeroy 24 E Ayres St Hinsdale
M R Denny P O Box 29 Moline
Dimock Gould & Co Inc Moline
J W Reyman P O Box 82 Mt Carmel
Glenn V Sherwood 1115 Broadway Normal
Tom G Montgomery 417 Chestnut St Olney
T A Foley Lbr Co Paris
W H Johnston 151 Rebecca Pl Peoria
Lee H Lord & Co Peoria
W B Poore R F D 6 Peoria
Walker Nugent P O Box 402 Peoria
Elmo S Smith 2610 Seventh Ave Peoria
H C Stone Lbr Co 100 N Adams St Peoria
C R Vertrees 97 N Elmwood Peoria
B M Gibbs Sales Agency First State Bk Bldg Princeton
N S Bailey P O Box 63 Rockford
Jos A Duplain Lbr Co Rockford
Longyear Lbr Co City Hall Bldg Rockford
Wayne A Oliver P O Box 202 Rockford
W G Wheeler P O Box 57 Rockford
E F Xanten 108 Lawn Place Rockford
S S Davis P O Box 45 Rock Island
The Hunter Lbr Co Box 73 Springfield
Fred Brown Whitney 414 Julian St Waukegan

INDIANA

Lewis Lbr Co Bedford
Fred Berger Bremen
H P Johnston R 3 Columbia City
O B Perry Crothersville
Amos-Thompson Corp Edinburg
M E Crow P O Box 433 Elkhart
Frank W Dally Elkhart
H I Isbell Co Elkhart
Monger-Gampher-Brown Elkhart
Walter A. Schnake P O Box 756 Evansville
Raymond W Stremming 1101 N 4th Ave Evansville
F A O'Sullivan P O Box 773 Fort Wayne
Robt I Vachon 524 Spring St Fort Wayne
H E Weil Lbr Co 1819 Winter St Fort Wayne
Frank F Bachelor 201 Crescent St Goshen
Chas H Barnaby Greencastle
Adams-Rogers 950 Drover St Indianapolis

Alvis-Morrissey Lbr Co 520 Meridian Life Bldg Indianapolis
W C Borcherding Co 202 S Rural St Indianapolis
Eaglesfield & Shepard 1118 E 30th St Indianapolis
Goodwin Lbr Sales Co R R 13 Box 39-D Indianapolis
C C Goss & Co 3401 College Ave Indianapolis
Mrs Ranson Griffin 5858 Central Ave Indianapolis
The Houghton Lbr Co Indiana Pythian Bldg Indianapolis
Koschnich & Co 925 E Vermont St Indianapolis
Walter A Robinson Box 5985 Indianapolis
Walter E Stevens 4525 Marcey Lane Indianapolis
Wallace Wolfe 723 E 28th St Indianapolis
Wright-Bachman Lbr Co Live Stock Exchange Bldg Indianapolis
Jos L Eckstein & Sons Jasper
Colter Bros Lbr Co Kendallville
Henry Poor Lbr Co 111 S Ellsworth St Lafayette
John I Shafer Hardwood Co Logansport
Ralph Andrew Matter Park Rd Marion
H B Clarke Lbr Co 2925 University Ave Muncie
Nichols Lbr Co Muncie
L C Malott 2143 Willow St New Albany
E R Cooper North Salem
Great Lakes Distributing Co 227 W Broadway South Bend
Marquette Lbr Co Inc 424 Associates Bldg South Bend
A E Senkler P O Box 416 South Bend
W B Schaefer 205 W Jefferson Blvd South Bend
Chas F Stickler Christmas Bldg South Bend
Pease-Overton Lbr Co Inc 945 Chestnut St Terre Haute
G H Tessman Lbr Co Terre Haute
Chas E Neel 327 N Union St Union City
E L Norton Waterloo

IOWA

W P Franch Box 485 Algona
Robert H Hughes P O Box 335 Cedar Rapids
R D Hunting Lbr Co Paramount Bldg Cedar Rapids
Ray S Watts 1608 Wildwood Dr N E Cedar Rapids
J Breckenridge P O Box 423 Davenport
C F Miller P O Box 423 Davenport
Century Lbr Co Inc S W 6th Ave & Murphy St Des Moines
Robert Connor Lbr Co 4047 Urbandale Ave Des Moines
H C Sowers Lbr Co Box 253 Des Moines
Wheeler Lbr Bridge & Supply Co Hubbell Bldg Des Moines
Herman Peiper Box 475 Mt Vernon
O L Krink Lbr Sales Co Sheffield
Omaha Hardwood Lbr Co 104 Myrtle St Sioux City
E S Gaynor Lbr Co Sioux City
W H Beaverstock 310 Marsh-Place Bldg Waterloo
Perry E Canfield Box 714 Waterloo
Jackson Lbr & Supply Co
Menges St & Avalon Ave Waterloo

KANSAS

Badger Lbr Co Inc 18th St & Kansas Ave Kansas City
Pacific Mutual Door Co Adams & Shawnee Sts Kansas City
T F Martin Lbr Co 519 Jackson St Topeka
Clinton L Scott Lbr Co 1815 Kansas Ave Topeka
Arkansas Valley Lbr Co 114 S Main St Wichita
Kansas Wholesale Lbr Inc 901 Beacon Bldg Wichita
Frank N Kruske 821 Beacon Bldg Wichita
Shanklin-Jones Lbr Co P O Box 391 Wichita
Stippich Lbr Co Beacon Bldg Wichita

KENTUCKY

William G Heeb Jr 79 Arcadia Place Lakeside Park Covington
J N Pickrell Grange City
McMillar Hardwood Co Harlan
H H Bates P O Box 126 Henderson
Combs Lbr Co Inc Lexington
W L Allen Heyburn Bldg Louisville
Dawson Lbr Co 303 Washington Blvd Louisville
Bishop-Roney Lbr Co Starks Bldg Louisville
A H Grunelson 3930 Nanz Ave Louisville
Jules J Johnson P O Box 265 Louisville
Kentucky-Indiana Lbr Co 421 Fincastle Bldg Louisville
Mofatt & Bigg Inc 520 Citizens Bldg Louisville
Dave Musselman 316 Fincastle Bldg Louisville
Welker Sash & Door Co Inc 410 E Burnett Ave Louisville
F A Widman 437 Hillcrest Ave Louisville
W R Willett Lbr Co Starks Bldg Louisville
J W Tedford Marion
Christian Lbr Co Monticello
White & Greer Morehead
O O Tichenor Box 663 Owensboro
W P Allen P O Box 596 Paducah

LOUISIANA

J H Labit 220 Park Ave Abbeville
Davidson Sash & Door Co Inc P O Box 627 Alexandria
Rockwell Powers Lbr Co Alexandria
Powell Lbr Co Lake Charles
Owen Gauthier Box 117 Cottonport
Charles Debaillon Box 129 Lafayette
American Pitch Pine Export Co Inc 1610 Pere Marquette Bldg New Orleans
Baldinger's Lbr Service 1404 Pere Marquette Bldg New Orleans
N J Guiteau Lbr Sales Co 934 Picheloup Pl New Orleans
R W Hillcoat Co 507 Marine Bldg New Orleans
Lamson Lbr Co Inc 203 Carondelet St New Orleans
Lamson & Ribbeck 203 Carondelet St New Orleans
F C Luthi & Co 212 Baltar Bldg New Orleans
Madison Lbr Co 721 S Claiborne Ave New Orleans
L G Negrotto Union Bldg New Orleans
Riverside Lbr Co 2300 Moss St New Orleans
C Schaefer 2336 Marengo St New Orleans
T L Smith 3148 Paris Ave New Orleans
Standard Export & Lbr Co 824 Whitney Bldg New Orleans
George C Gaiennie Box 222 Opelousas
Arkmo Lbr Co 301 4th St Shreveport
Mr S W Bowen Woodward Walker Bowen Inc Shreveport
T C Clanton Co P O Box 224 Shreveport
W A Robinson & Co P O Box 676 Shreveport
Weaver Bros Box 1547 Shreveport
Allen Parker Box 337 Ville Platte
J A Bentley Lbr Co Zimmerman

MAINE

Sterns Lbr Co Inc Bangor
M S Hancock & Son Co Casco
R E Cleaves & Son Co 147 High St Porland
Roger D Hale Vanceboro

MARYLAND

Baltimore Lbr Co 1123 E Baltimore St Baltimore
Central Building & Supply Inc Fallsway Hillen & Holliday Sts Baltimore
Arthur V Charshee & Son 818 Gorsuch St Baltimore
Carl F Geyer 114 W 25th St Baltimore
Harry Fried 516 N Charles St Baltimore
V W Malloy 106 W University Parkway Baltimore
Mac Lea Lbr Co 506 S Central Ave Baltimore
The Royal Lumber Co 71A Knickerbocker Bldg Baltimore
I S Turover Bethesda
Edna Lumber Co Hagerstown
Sager-Redford Lbr Co Inc Hagerstown
Dixie Lbr Co Inc Hagerstown
B V Welsh Long
C E Wimbrow Rep Argent Lbr Co P O Box 395 Salisbury
C W Jones 9906 Indian Lane Silver Spring
Fred Gambrill White Marsh

MASSACHUSETTS

Joseph Marbach 94 Brainerd Rd Allston
C E Lindstrom P O Box 55 Belmont
L Leslie Buck P O Box 156 Beverly
Bailey & Delano Lbr Co 100 Milk St Boston
Blanchard Lbr Co 126 State St Boston
Brockway-Smith-Haigh-Lovell Co 465 Medford St Boston
Cunningham Lamb & Prince Inc 16 Dorrance St (Charleston) Boston
Peters Davenport Co 160 State St Boston
R J Evans 10 Post Office Square Boston
Hawkins Lbr & Warehouse Co Inc 89 State St Boston
Hobart & Co 53 State St Boston
Interstate Lbr Co Inc 80 Boyleston St Boston
James Lbr Co 88 Broad St Boston
Mosher Lumber 131 State St Boston
Harry C Philbrick 176 Federal St Boston
H A Savage Lbr Co 10 High St Boston
Shepard & Morse Lbr Co 31 Milk St Boston
W Y Slocum 148 State St Boston
Warren Trask 73 Cornhill St Boston
Perry Whitney Lbr Co 148 State St Boston
Woodstock Lbr Co 131 State St Boston
Robert J Stalker P O Box 11 Braintree
Cunningham Lamb & Prince Inc 18 Dorrance St Charlestown
New England Panel Co Everett
Carl Wendelstein 581 Broadway Everett
Mervin A Chace 169 Belmont St Fall River
W E Aubuchon Co 55 Rollstone St Fitchburg
Laurence Barbieri R F D 2 Great Barrington
Manvel Malkin 85 Wolcott St Malden
Prince Lbr Co Melrose
Chas H Chenoweth 815 Washington St Newton
Marcus Greenstein 7 Park Ave Revere
Dutton & Calhoun 145 State St Springfield
Garrettson-Ellis Lbr Co 32 Harrison Ave Springfield
Holbrook Lbr Co 146 Chestnut St P O Box 1891 Springfield
Walter Howard 983 Carew St Springfield
L Philander Moore Lbr Co 20 Elton Rd Longmeadow Springfield
Rice & Lockwood Lbr Co 1559 Main St Springfield
Carlos Ruggles Lbr Co 1562 Main St Springfield
Manter Lbr Co Manchester
John L Downs P O Box 121 Wellesley
Frank W French 14 Frances St Woburn
Lawrence R McCoy & Co Inc 332 Main St Worcester
Morrill Lbr Co 340 Main St Worcester

MICHIGAN

Harry G Martin P O Box 200 Ann Arbor
Frank Poorman Jr Route 3 Box 445 Battle Creek
Charles W Ambrose & Sons 1523 S Water St Bay City
C A Maniex c/o Box 3 Bay City
Paul F Smith 1815 6th St Bay City
A E Darling Lbr Co Big Rapids
L L Johnson Lbr Mfg Co Charlotte
Berg Patterson & Buck Inc 14311 W Warren Ave Dearborn
Hansen Wholesale Lbr Corp 14201 Tireman Ave Dearborn
Smith-Orr Co P O Box 239 Dearborn
Abney-Tredick-Niehaus Co 13535 Woodward Ave Detroit
C J Ashton Co 746 New Center Bldg Detroit
Guy W. Atwood Fisher Bldg Detroit
Barlow Hardwood Co 17200 Cliff St Detroit
Bell Lbr Co 5251 E Outer Drive Detroit
Arthur B Benson & Associates 1448 Virginia Park Detroit
Berg Patterson & Buck Inc Box 47 Northwestern Sta Detroit
L A Braun Co 7 E Grand at Woodward Ave Detroit
Dealers Wholesale Supply Inc 12871 Eaton Ave Detroit
Jay B Deutsch 600 Pingree Detroit
Estate P A Ducey 117 Ford Bldg Detroit
E L French P O Box 66 Brightmoor Sta Detroit
Art Gallager 18555 Marx Detroit
General Hardwood Co 7201 E McNichols Rd Detroit
Grace Harbor Lbr Co 189 Vinewood Ave Detroit
Geo H Hedquist Fisher Bldg Detroit
M C Guthrie Lbr Co 205 S Harbaugh St Detroit
Robt B Horine 9590 Mark Train Ave Detroit
Harry M Jessop 680 Delaware Ave Detroit
Lloyd A Milliken 6651 West Outer Drive Detroit
Patterson Lbr Co 9300 Hubbell Ave Detroit
Plywood Detroit Co 4445 Bellevue Ave Detroit
Swain Lbr Co 12844 Greenfield Rd Detroit
M J Theisen United Artists Bldg Detroit
Thureson Lbr Co 13336 Livernoise Ave Detroit
B Tungate 11300 Cheyenne Ave Detroit
Union Lbr Co 7840 Dix Ave Detroit
Don B Wallace & Co Penobscot Bldg Detroit
Geo H West Jr 634 Lakewood Ave Detroit
Wm O Womelsdorf 700 Seward Ave Detroit
Floyd Womelsdorf 18985 Rosemont Rd Detroit
Vera Young Lbr Co 16607 Wildemere Ave Detroit
Eugene G Seiler Dollar Bay
Jas R Andrews Escanaba
Simpson Lbr Co Farmington
Flint Sash & Door Co Inc 2825 Davidson Rd Flint
Roy F Hagerman 817 Belmont Ave Flint
Kuperus Dean Lbr Co Industrial Bk Bldg Flint
Paul B Berry 1418 Alexander Rd S E Grand Rapids
F W Longyear 1325 Thomas St S E Grand Rapids
T E Newell 848 Calvin Ave Grand Rapids
Nichols & Cox Lbr Co 1035 Godfrey Ave Grand Rapids
Harry C Cole Michigan Trust Bldg Grand Rapids
Crossman Lbr Co 42 Division Ave N Grand Rapids
Lawrence E Dooge Veneers 57 Market N W Grand Rapids
Evans & Retting Lbr Co 707 Wealthy St S W Grand Rapids
Fisher-Verkerke Lbr Co Mich Trade Bldg Grand Rapids
Grand Rapids Reserve Supply Co 131 Wealthy St S W Grand Rapids
T W Hager Lbr Co Michigan Trade Bldg Grand Rapids
Eldon S McCormick 35 Pearl St N W Grand Rapids
Porter-Hadley Co 225 Cottage Grove S E Grand Rapids
Fred Roh Lbr Co 139 Ottawa Ave N W Grand Rapids
Henry W Schneider 202 Murray Bldg Grand Rapids
Herbert C Schneider 521 Murray Bldg Grand Rapids
E H Sheridan Jr 1425 Bemis St S E Grand Rapids
Van Keulen & Winchester Lbr Co 1047 Elizabeth Ave N W Grand Rapids
Charles A Wright 101 Quincy St Hancock
R B McPherson 124 Grand River St W Howell
Louis J Lett P O 346 Jackson
Lumbermen's Credit & Warehouse Co 725 3rd Kalamazoo
Miller Wholesale & Warehouse Co 1919 Factory St Kalamazoo
Walter R Shaw Lbr Sales P O Box 704 Kalamazoo
Claude G Wirick Lbr Co Hanselman Bldg Kalamazoo
Wallace F Manson Prudden Bldg Lansing
Geo M Whitson P O Box 185 Lansing
C T De Haas Co Marquette
L T Sheridan 203 N Fourth St Marquette
John M Thompson Menominee
F L Hedrick 127 Franklin Blvd Pontiac
Van Every Bros Petoskey
R A McGrath 1364 Franklin Berkley Branch Royal Oak
R O W Sales Co 220 E Harrison Royal Oak
Royal Oak Wholesale Co 216 E Harrison Royal Oak
Morley G Boyd 2nd Nat'l Bk Bldg Saginaw
E Finkbeiner 803 State St Saginaw W S
Mershon Eddy Parker Co P O Box 36 Saginaw
F K Quigley Box 151 Saginaw W S
John D Mershon Forest Products Co Inc 304 Federal St Saginaw
E Richardson Co 509 2nd Natl Bk Bldg Saginaw
Saginaw Lbr Co 319 McCoskry St Saginaw
Samuel Shields Sault Ste. Marie
Wirt M Hazen Three Rivers
B B Thorp Vestaburg
Kelly Lbr Co Ypsilanti

MINNESOTA

Dickinson Lbr Co Bemidji
J H Berg Buyck
Deer River Tie & Timber Co Deer River
C Baumgarten & Son 1834 Minnesota Ave Duluth
Thos P Bradley American Exchange Bk Bldg Duluth
Herber S Robb Lyseum Bldg Duluth
P M Shaw Jr 412 Exch Bldg Duluth
George C Lindeberg Fairmont
Bjerre Lumber Co Lindstrom
Pine Tree Mfg Co Lock Box 300 Little Falls
Bennett-Bailey Lbr Co 1335 Central Ave Minneapolis
Carpenter McDonald Lbr Co Roanoke Bldg Minneapolis
Carr-Cullen Co 1030 Marshall St N E Minneapolis
Cedar River Lbr Co Roanoke Bldg Minneapolis
Central Wholesale Lbr Co 840 Sibley St N E Minneapolis
Clarkson-Raw Lbr Co Wesley Temple Bldg Minneapolis
Forest Products Co Northwestern Nat'l Bk Bldg Minneapolis
T T Jones Lbr Co Pence Bldg Minneapolis
Krueger-Broughton Lbr Co Pere Marquette Bldg Minneapolis
Log Cottage Co 34 Lowry Ave No Minneapolis
Laurence A Miller 3908 Montrey Ave St Louis Park P O Minneapolis
T M Partridge Lbr Co Lbr Exchange Bldg Minneapolis
Jane Vawter 2127 Pleasant Ave Minneapolis
John E Alexander 2155 Princeton Ave St Paul
Northwestern Flooring Co 725 Pillsbury Ave St Paul
Webster Lumber Co 2522 Como Ave W St Paul
Walter F Sullivan Winona

MISSISSIPPI

C V Beadles Lbr Co Coffeyville
Southern Lbr Products Co Crystal Springs
Trenton Lbr Co P O Box 189 Jackson
Ben F Chilcutt & Sons Inc Macon
H B Lusk Lumber Co P O Box 95 Maben
Burdette Lbr Co Threefoot Bldg Meridian
W C Cooper Route 6 Meridian
J J Fox Lumber P O Box 505 Meridian
H H McMain Lbr Co Threefoot Bldg Meridian
Union Lbr Co New Albany

MISSOURI

Grant Lbr Co Cabool
F N Jones Box 381 Carthage
M L King Co Carthage
Lumber Specialty Co 129 W Third Carthage
Morrow Lbr Co Carthage
Wm F Ebert P O Box 146 Clayton
J C Williamson Dexter
J G Cook 10 S Elizabeth Ferguson
F L Hill Lbr Co Fredericktown
C B Baxter & Co 926 Grand Ave Kansas City
Thos H Dennis & Co 1155 Dierks Bldg Kansas City
Clay H Dennis P O Box 6032 Kansas City
Dierks & Sons Lbr Co Attn C E Combs 1901 Woodland Ave Kansas City
Foster-St. Clair Lbr Co 1207 Grand Ave Kansas City
Arthur M Johnson 1448 W 73rd St Kansas City
Harold S Kettrick P O Box 31 Kansas City
King Lbr Co 1725 Troost Ave Kansas City
Long-Bell Lbr Co 926 Grand Ave Kansas City
Geo D Lydden 1120 Long Bldg Kansas City
Midland Tie & Timber Co Commerce Tr Bldg Kansas City
Noll-Welty Lbr Co Inc 6008 Wilson Ave Kansas City
Renfro Lbr Co 926 Grand Ave Kansas City
Sitka Spruce Lbr & Mfg Co Dwight Bldg Kansas City
Herman Sutherland 2200 Bryant Bldg Kansas City
Tri-State Lbr & Shingle Co 926 Grand Ave Kansas City

H E Webster Lbr Co 926 Grand Ave Kansas City
L B Oeth Maplewood
E G Sweasea Lbr & Hardware Piedmont
Enarc Lbr Mfg Co Inc Poplar Bluff
Acorn Lbr Co 722 Chestnut St St Louis
Blumerkamp Lbr Co 3024 N Grand Blvd St Louis
Canthook Lbr Co 722 Chestnut St St Louis
Central States Tie & Lbr Co 812 Olive St St Louis
Christmann Veneer & Lbr Co 3301 N Hall St St Louis
Dian Lbr Co 406 Market St St Louis
W T Ferguson Lbr Co 812 Olive St St Louis
Fleishel Lbr Co 4235 Duncan Ave St Louis
Gross and Janes Co 418 Olive St St Louis
Gruner-Fisher Co 3743 W Pine Blvd St Louis
W C Hanley Weyerhaeuser Sales Co 972 Paul Brown Bldg St Louis
E L Heitgert Langan & Taylor Bldg St Louis
Hill-Behan Lbr Co 6515 Page Blvd St Louis
Hopkins Lbr Co 7823 Greenfelder Rd St Louis
J K James Lbr Co 4903 Delmar Blvd St Louis
Lumberyard Supply Co 5060 Manchester Ave St Louis
S M Masters Lbr Co 611 Olive St St Louis
Prendergast Lumber Co 828 Cass Ave St Louis
Sabine Lbr Co 812 Olive St St Louis
St Louis Lbr Co 2509 S Broadway St Louis
O H Sample Lbr Co 611 Olive St St Louis
Schierman Lbr Co 812 Olive St St Louis
J E Schwarz 4903 Delmar Blvd St Louis
C R Sloan 1025 Grandview Pl St Louis
A E Smart 812 Olive St St Louis
Theiling-Lothman Mfg Co 3810 N 9th St St Louis
Thomas & Proetz Lbr Co 3400 N Hall St St Louis
Wiles-Chipman Lbr Co 1234 S Kingshighway St Louis
J H Hahn c/o Ozark Land and Lbr Co 225 S National Ave Springfield
Ozark Land & Lumber Co 225 S Nat'l Ave Springfield
Toombs-Fay Co P O Box 1365 South Side Sta Springfield
H F Humes 7746 Melrose Ave University City
Heitert Lbr Co 821 Eunice Ave Webster Groves
James A Roland 24 Old Westbury Lane Webster Groves

MONTANA

Joe Karduch Barker Creek Anaconda
T W Ashby Lumber Co Billings
Anaconda Copper Mining Co Bonner
Interstate Lbr Co Helena
Kalispell Lbr Co Kalispell

NEBRASKA

Ellis Foreman Creighton
L L Coryell & Sons 206 S 13th St Lincoln
A O Dahlquist 1688 Perkins Blvd Lincoln
C M Kincaide Lbr Co P O Box 443 Lincoln
Proudfit-Prestegaard Lbr Co 720 O St Lincoln
Wendell Brown 438 Grain Exchange Bldg Omaha
Disbrow & Co 1201 Nicholas St Omaha
Dodds Lbr Co Brandeis Theatre Bldg Omaha
Fellows Sales Co 612 Electric Bldg Omaha
J F Gresly & Co Brandeis Theatre Bldg Omaha
Walter T Johnson Lbr Co W O W Bldg Omaha
Nebraska Bridge Supply & Lbr Co 40th & Leavenworth Omaha
Omaha Hardwood Lbr Co 1144 N 11th St Omaha
Wells Lbr Co 6210 California St Omaha
Walter J Whitaker 5007 Decatur St Omaha
C M Wickiser Table Rock

NEVADA

White Pine Lbr Distributors Corp Reno

NEW HAMPSHIRE

Wm H Herrick Lincoln
Johnson Lbr Co Inc 875 Elm St Manchester
J P Landrine P O Box 777 Manchester

NEW JERSEY

Federal Lumber Corp 449 Cortlandt St Belleville
S Peter Carlson 124 Franklin St Bloomfield
Darrell P Hicks 172 Whittle Ave Bloomfield
J E Mariner 425 Bradford Ave Emerald Hills Collingswood
George Kelting 2 Fisk Terrace Cranford
Samuel D Pettit P O Box 174 Cranford
Gerard J Valk 17 Prospect Terrace East Orange
Central Lbr Co Inc 286 N Broad St Elizabeth
F A Gordon & Co 125 Broad St Elizabeth
J R Quickley Co Inc Gloucester City
Bosman & Casson Inc Harrison
David C Lewis Hightstown
D M Warnock 84 Washington St Hoboken
Wm J Hanley 921 Bergen Ave Jersey City
V J Hill & Sons 455 3rd St Jersey City
John E Jensen 171 Baldwin Ave Jersey City
Alexander M Stagg Pres Stag Lumber Co Greenville Sta P O Box 82 Jersey City
R J Bradley Lbr Co Montclair
Theo Andreas 33 Orange St Newark
Wm Bal Corp 14 Johnson St Newark
Ballmill Lbr & Sales Co Newark Seaboard Terminal Port Newark
E P Chapel Jr 24 Commerce St Newark
Thomas Donaldson 9 Clinton St Newark
New Jersey Flooring Co 879 Mount Prospect Ave Newark
George W Bogen 74 Barclay St Paterson
Fir-Tex of New Jersey Inc 395 Sheridan St Orange
Crowley-Taylor Lbr Co Ridgewood
W S Long Somerville
J J McMillan 118 Stacey Ave Trenton
J F McCarthy Westwood

NEW MEXICO

Santa Fe Bldrs Supply Co Albuquerque
Sine Lbr Co Albuquerque
George C McFadden Co P O Box 638 Roswell
Pecos Valley Lbr Co Roswell
D J Shrencengost Co Box 748 Roswell

NEW YORK

Concord Lbr Co Inc 426 Central Ave Albany
Iroquois Millwork Corp Mill St near Tivoli Albany
A C Crossley & Sons Inc 8 Chapin St Binghamton
H H Young Lbr Co 6 North St Binghamton
Black & Yates Inc 157 Varick Ave Brooklyn
Philip Carver 285 Sullivan Pl Brooklyn
Ira Garbutt Erie Basin Brooklyn
Harry B Levy 406 Crown St Brooklyn
Am-Mex Sales Co Inc 28 Church St Buffalo
Armand F Andrle 59 Blantyre Rd Buffalo
Atlantic Lbr 1655 Seneca St Buffalo
Baker-Warner Lbr Co Prudential Bldg Buffalo
Wm L Blakeslee Lbr Co 9 Claremont Ave Buffalo
C W Bodge & Co 493 Franklin St Buffalo
Philip J Dentinger Jr 277 East North St Buffalo
Buffalo Hardwood Lbr Co 940 Seneca St Buffalo
Peter Englehardt Lbr Co Brisbane Bldg Buffalo
Iroquois Door Co 729 Exchange St Buffalo
R T Jones Lbr Co Inc Dun Bldg Buffalo
Kreetan Co Inc Kenmore Ave & Ontario St Buffalo
Miller Lbr Co Inc 893 Eagle St Buffalo
Mixer & Co Inc 2101 Elmwood Ave Buffalo
National Lbr Co 1116 Seneca St Buffalo
Neubecker Lbr Co 58 Rockney Rd Buffalo
Palburn Inc 493 Franklin St Buffalo
C F Sullivan Co 439 Northumberland Ave Buffalo
F N Taylor 50 Shirley Ave Buffalo
Trotter-Kelleran Lbr Co Genesee Bldg Buffalo
Teachout Co Inc 52 Leslie St Buffalo
Cary B Ward 216 Audubon Dr Buffalo
Willis E Waterman 465 Potomac Ave Buffalo
A H Weaver Lbr Co Erie County Bk Bldg Buffalo
Fred W Wiese 11 Indian Church Rd Buffalo
Yeager Lbr Co Inc 340 Elk St Buffalo
L L Chichester Cairo
Ralph Bush Cayuta
Russell Crainey Cayuta
Eli Sidney Central Bridge
S E Smith Cooks Falls
Paul Hibbard 62½ Wheeler St Deposit
Richard W Adams East Aurora
H A Plumley 684 Main St Ebenezer
Wm J Voelker Eggertsville
Ralph P Baker P O Box 123 Elmira
J W Miller 727 W Church St Elmira
Ross Warren Lbr Co Falconer
Lou Schmunk 43 169 St Sta A Flushing
Finch Pruyn & Co P O Box 350 Glens Falls
Addison Chamberlain c/o Cotton & Hanlon Greene
A T Froewise 61 Carol St Hempstead Lake Park Hempstead L I
William C Hamilton 14 Greenlawn Court Hempstead L I
J C Turner Lumber Co Irvington
Frank Nolan 144 Grand Central Pkwy Jamaica
C Arthur Rugg Box 244 Jamestown
E L Buchanan 79 Newton Ave Jamestown
Rugg Veneer & Lbr Co 110 W 2nd St Jamestown
H K Hanson 746 Parker Ave Kenmore
Mr Earle Noble Box 193 Oswego Co Lacona
Lyons Lumber Fred N Lyons Lake Luzerne
Love Boyd & Co Bar Bldg Mount Vernon
Plunkett-Webster Lbr Co Inc 271 North Ave New Rochelle
J C Baris Lbr Co 76 Beaver St New York
Herbert J Bate Co Inc 30 Church St New York
Geo F Bodfish Jr 1 Madison Ave New York
G J Brennan c/o Biddle Purchasing Co P O Box 743 Church St Sta New York
Browne & Bryan Co Grand Central Ter New York
Burritt Lbr Sales Co Inc 420 Lexington Ave New York
Clinton G Bush Lbr Corp 370 Lexington Ave New York
California Redwood Distributors Ltd 122 E 42nd St New York
Edward T Carvin 17 Battery Pl New York
Cory & Brett Lbr Corp 15 Whitehall St New York
A C Crombie Lbr Co Inc 220 E 42nd St New York
Elmer E Dey 75 West St New York
David Drucker Lbr Co 149 Broadway New York
Henry J Eckstein 1790 Broadway New York
R B Everett Lmbr Co Inc Gardner Ave & Meserole St (Brooklyn) New York
Robert W Forbes Inc Grand Central Ter New York
Ira Frank 200 E 133rd St (Bronx) New York
Frost & Davis Lbr Co 50 Church St New York
H A Goldstone 46-81 Metropolitan Ave (Maspeth) New York
Gottesman-Meyers Lbr Associates Inc 55 W 42nd St New York
Gottfried Millwork Co 17 Forest St (Bklyn) New York
Knauth Halligan & McLellan Inc 220 Broadway New York
Hecht Levis & Kahn Inc 76 Beaver St New York
Hirsch Lbr Co 67 W 44th St New York
Huson & Son 70 E 45th St New York
Interstate Lbr Sales Co Inc 26 Ferry St New York
C B Lambot Inc 405 Lexington St New York
Arthur E Lane Mill Service Grand Central Ter New York
Frederick J Lang Lbr Corp 1790 Broadway New York
Martin-Dickson Inc 117 Liberty St New York
R Maes Export & Import Corp 165 Broadway New York
D R Meredith Lbr Inc 122 E 42nd St New York
National Plywood Co Inc 426 E 18th St New York
Overseas Lumber Co Inc 52 Vanderbilt Ave Rm 1208 New York
Frank A Niles Lbr Co 43 5th Ave New York
Frank S Nolan 144-28 Grand Central Pkwy (Jamaica) New York
Pope-Talbot Inc 110 E 42nd St New York
J A Rice Lbr Co Grand Central Ter New York
Raymond V Ring 2439 Graybar Bldg 420 Lexington Ave New York
The Riverside Lbr Co Inc 140 W 97th St New York
A. J. Rieger 522 5th Ave New York
Herbert H Sabbeth Lbr Co Grand Central Ter New York
Wm Schuette Co 41 E 42nd St New York
Seaboard Lbr Sales Co Ltd Chrysler Bldg New York
Ernst Seidelmann Woolworth Bldg 233 Broadway New York
Clarence D See 103 Park Ave New York
J W Seltzer—A C Dutton Lbr Corp Grand Cent Term New York
James P Skelly 149 Broadway New York
Stulman-Emrick Lbr Co Inc 173 West St (Brooklyn) New York
Union Lbr Co of Del Grand Central Ter New York
Walker Bros Lbr Co 47 W 34th St New York
Wayne Lbr Co 38 Greenpoint Ave (Brooklyn) New York
W Va Pulp & Paper Co Attn Mr R U Shaffer 230 Park Ave New York
Weyerhauser Sales Co 41 E 42nd St New York
Mr George Williams 310 W 75th St New York
Ichabod T Williams & Sons 220 11th Ave New York
F Henry Connelly 137 Bryant St No Tonawanda
Gillespie Lbr Co North Tonawanda
A E Gombert Lbr Co North Tonawanda
R T Jones Lbr Co Inc North Tonawanda
Wm Gormley 3 Main Phoenicia
Geo C Fairchild & Son Plattsburg
Sherman Lbr Inc Potsdam
American Screen Distr 222nd St between 97th and 99th Ave Queens Village L I
Excel Lbr Co 878 Clover St Rochester
Leo C Fleming Co 32 Union St N Rochester
John J Soble Lbr Co 279 Burrows St Rochester
F E Swansfeger P O Box 5 Beechwood Station Rochester
E A Tadder Rushford
Louis J Farone 65 Putnam St Saratoga Springs
Fred C Thoma Smithtown Branch
H M Booher 145 Brampton Rd Syracuse
Frank J Lynn 1144 Bellevue Ave Syracuse
J L Beyer Lbr Co Tonawanda
R D Meader Box 55 Ushers
Geo E Cressy & Sons Utica
Gibson Door Co 1 Arnold Ave Utica
Runnells Lbr Co Inc P O Box 215 Walton
Hussey-Williams Co Inc 90-15 95th Ave Woodhaven

NORTH CAROLINA

Belews Creek Lbr Co Inc Belews Creek
Atlantic States Lbr Co P O Box 1378 Charlotte
J E Elrod Lbr Co P O Box 1106 Charlotte
McLaney Lbr Co Commercial Nat'l Bk Bldg Charlotte
Triplett & Co Ltd P O Box 1764 Charlotte
H B Turner Box 771 Goldsboro
Marshall Lbr Co Marion
Geo E Marshall Mount Airy
Hanks Lbr Co New Bern
Don Overman Plymouth
Clyde Eby & Sons Raleigh
Luther N Bagnal P O Box 737 Winston-Salem
W M Storey Lbr Co P O Box 2242 Winston-Salem

NORTH DAKOTA

Builders Supply Co Fargo

OHIO

Brown-Graves Co 191 E Miller Ave Akron
J P Dodge & Son Ashtabula
R F Conrad Ashville
Athens Flooring Co Athens
George T Hill 170 E Center St Berea
G W Myers Co 1st Nat'l Bk Bdg Canton
Tombaugh Lbr Co 215 15th St S E Canton
American Pine Co 3101 Spring Grove Ave Cincinnati
Arling Funch Lbr Co 40 E 4th St Cincinnati
W C Barlett Lbr Co 800 Broadway Cincinnati
J W Darling 307 E 4th St Cincinnati
Emerald Lbr Co Losantiville Ave & Penn RR Cincinnati
Dwight Hinckley Lbr Co Cincinnati
Richey Halsted Quick Co Cincinnati
Kirkpatrick Lbr Co 6 E 4th St Cincinnati
Fred Larkins P O Box 22 Sta O Cincinnati
R D Lusk Hotel Fountain Sq Cincinnati
A D Miller 859 N Bend Road College Hill Sta Cincinnati
Harry Riemeier Lbr Co 1450 Gest St Cincinnati
Powers Lbr Co 4 W 7th St Cincinnati
Rogers Lbr Exchange 414 Walnut St Cincinnati
Chas F Shiels & Co 1251 Gest St Cincinnati
P V Walnut Shoe Co Norwood Branch Cincinnati
F N Stanforth 4361 Haight Ave N S Cincinnati
C J Almas 3494 Lee Rd Cleveland
Appalachian Hardwood Lbr Co 5700 Brookpark Rd Cleveland
Babin Sash & Door Co 1885 Coltman Rd Cleveland
Brodhead-Garrett Co 4560 E 71st St Cleveland
Geo N Comfort Lbr Co Nat'l Bk Bldg Cleveland
Fidelity Lbr Co Hanna Bldg Cleveland
Robt E Graham Empire Bldg Cleveland
G C Havener Lbr Co 13905 Shaw Ave Cleveland
Kindt-Collins Co 12661 Elmwood Ave Cleveland
Tom Leake Lbr Co 2060 E 83d St Cleveland
Nicola Stone & Myers Co 1631 Euclid Ave Cleveland
Sidney C Taylor Box 3504 Heights Br P O Cleveland
West Brothers Inc 1836 Euclid Ave Cleveland
Workman's Housing Corp 2000 West 25th St Cleveland
Capitol Hardwood Lbr Co 344 Dublin Ave Columbus
Dillow Lbr Sales 21 E State St Columbus
H H Giesy & Bros Co 780 W Gay St Columbus
Morgan Lbr Sales Co 8 E Long St Columbus
Morgan Lumber Sales Co 821 Atlas Bldg Columbus
Virginia Lbr Co 1190 Parkway Dr Columbus
Battelle & Battelle 121 Second St Dayton
Ray Garber Co 20 St Paul Ave Dayton
Hussey-Nesom Sales Co Ludlow Bldg Dayton
Peter Kuntz Co 120 W 2nd St Dayton
C Coy Jones Defiance
H B Franks 600 Helvetia St Delta
Frank H Gee 1211 Rozell Ave East Cleveland
L D Latham Sons Freeport
H G Vincent Garrettsville
C C Berry Box 126 (Peebles) Jaybird
John W Blanton 1056 Sylvan Ave (P O at Cleveland) Lakewood
C E Crockett 1631 Elbur Ave Lakewood
Paul A Wagner 2224 Eldred Ave Lakewood
Copeland Lbr Co Lima
E E Holmes 1010 S Central Lima
Krone & Co Lima
Justus-Murphy Co Box 108 Marietta
James R Smith Marion
O C Adelman 110 N Park Ave Mount Vernon
Lumber Brokerage Co North Benton

Ira O Fowler Box 252 Pleasant City
Mockbee Lbr Co P O Box 1006 Portsmouth
D L Arnold Lbr Sales Co Rootstown
Steuben Lbr Co Steubenville
Edwin A Clay 3220 Rathbun Dr Toledo
F W Duttweiler Lbr Co Spitzer Bldg Toledo
A C Hansen 3159 Drummond Rd Toledo
Hettrick Mfg Co 1401 Summit St Toledo
LaCost-Powers Lbr Co 615 Beech St Toledo
C A Mauk Lbr Co 520 Gardner Bldg Toledo
E H Mauk & Sons 506 Madison Ave Toledo
Frank Spangler Lbr Co 308 Michigan St Toledo
W H Sturdivant Lbr Co 1704 Oakwood Ave Toledo
H W Stearns Willoughby
David R Winn Wilmington
Stambaugh-Frampton Lbr Co Box 775 Youngstown

OKLAHOMA

Kilpatrick Bros 820 N W 4th St Oklahoma City
Lumber Mills Sales Co 4112 N May Ave Oklahoma City
Mary C Pendergrass P O Box 125 Oklahoma City
Putnam Lbr Sales Insurance Bldg Oklahoma City
T M Richardson Lbr Co P O Box 16 Oklahoma City
Clyde Hawkins P O Box 1404 Tulsa
R J Smith Lbr Co Wright Bldg Tulsa

OREGON

Giustina Bros Lbr Co P O Box 989 Eugene
J F Jacobsen Broadway Bldg Eugene
Monroe Lbr Co P O Box 868 Eugene
Morris Lbr Co 140 E Broadway Eugene
Twin Oaks Bldrs Supply Co 669 High St Eugene
R F Ellington Box 691 Klamath Falls
Arthur W Lindsey 1111 Main St Klamath Falls
Timber Products Co Medford
Campbell-Conro Lbr Co Portland
Cooper Lbr Co Am Bk Bldg Portland
Carl Diebold Lbr Co Failing Bldg Portland
L F DePomeroy 203 N Holland St Portland
Douglas Fir Export Co 1112 Yeon Bldg Portland
Fleishman Lbr Co Lumbermen's Bldg Portland
A A Goeggeman The Kerr Lbr Co Pine Dept 376 Pittock Block Portland
Griswold Lbr Co Failing Bldg Portland
J A Irwin Lumbermen's Bldg Portland
Lewis & Dalin Inc Pittock Blk Portland
Morrill & Sturgeon Lbr Co Yeon Bldg Portland
Joseph W Sherar 7733 S E 13th St Portland
Van Deinse Lbr Sales Co Portland
Pope & Talbot Inc 618 N W Front St Portland
R G Robbins Lbr Co Spalding Bldg Portland
Herbert A Templeton Terminal Sales Bldg Portland
Ward-Lewis Lbr Co 11335 N E Bennett St Portland
Wheeler Lbr Bridge & Supply Co Lumbermen's B'dg Portland
White Star Sales Co Roseburg

PENNSYLVANIA

J F Hanlon Athens
Floyd Ripple Austin
L T Morian Lbr Co Beaver
G C Wallace Berlin
Nelson Gilmore R 1 Cambridge Spring
Walter & Walter Claysburg
Rush Gates R D 2 Columbia Cross Roads
Back Creek Lbr Co Connellsville
B S Balkley 122 E Scribner Ave Dubois
G Herbert Bingham Dunmore
Mark T Pachen Box 335 Edinboro
B W Ackles 3309 Holland St Erie
P H Mead 1902 Raspberry St Erie
Harold E Seib 4565 Ridge Rd Erie
A H Stevens 441 W 9th St Erie
A R Weiler 709 Hilltop Road Erie
Walter J Wicker 629 Cherry St Erie
V P Ellison 342 E Wharton Road Glenside
P M Frampton & Co Box 614 Greenville
E A Heaton 62 Byberry Ave Hatboro
Pennsylvania Lbr & Post Co Hyndman
F E Cooper Lbr Co Johnstown
Picket Hyde & Langans Johnstown
J J Souders 1115 Boyd Ave Johnstown
P J Faust 269 Pierce St Kingston
B M Arthur Lbr Co Inc 31 W Ridge S Lansford
L N Lafferty Lbr Co 1201 Hummel Ave Lemoyne
Wm J Ochs Lucinda
P A Niederriter & Co Marble
Century Lbr Co Newcastle
J Raymond Otter Meyersdale
E B Fletcher Mifflintown
Harold R Ruhl Millmont
Carney Lbr Inc 4th & Railroad St Monongahela
Donald Dean 10 Laruel St Montrose
Stitzinger Bros Lbr Co New Castle
Daniel Buck Inc Aramingo Ave & Westmoreland St Philadelphia
James R Caine 711 Liberty Trust Bldg Philadelphia
Cherry River Boom & Lbr Co Penn Bldg Philadelphia
Thos E Coale Lbr Co 26th & Susquehanna Ave Phila
Coulbourn Bros Commercial Tr Bldg Philadelphia
Hallowell & Souder Commercial Tr Bldg Philadelphia
Kreamer Lbr Co 1328 Chestnut St Philadelphia
John J Little 6366 Woodbine Ave Philadelphia
Lumber Products Co Real Estate Bldg Philadelphia
Magee-Fine Lbr Co Jefferson Bldg Philadelphia
McFarland Lbr Co of Phila Schaff Bldg Philadelphia
McIlvain J Gibson Co 58th St & Woodland Ave Philadelphia
Mell Lbr Co 4036 Spruce St Philadelphia
Louis Schneider 1236 S 57th St Philadelphia
Schofield Bros Finance Bldg Philadelphia
Sterling Lbr. Co., Inc., 1528 Walnut St., Philadelphia
James E Tague & Co Inc 9th & Columbia Ave Philadelphia
Tri-County Lbr. Co., Inc., Otis Bldg., Philadelphia
Wistar Underhill & Co., 1520 Locust St., Philadelphia
Woodland Lbr. Co., Commercial Tr. Bldg., Philadelphia
Adelman Lbr Co 908 Second Ave Pittsburgh
Acorn Lbr. Co., Oliver Bldg., Pittsburgh
Alisop Lbr. Co., P. O. Box 7969, Pittsburgh
Duquesne Lbr. Co., Inc., Columbia Bldg., Pittsburgh
Edward Eller Lbr. Co., P. O. Box 7376, Pittsburgh
C. S. Ewing, 927½ St. James St., Pittsburgh
Geo T Fawcett 213 Grandview Pittsburgh
Forest Lbr. Co., Inc., Fulton Bldg., Pittsburgh
Fort Pitt Lbr. Co 541 Wood St., Pittsburgh
Germain Co., 239 4th Ave., Pittsburgh
M F Gillen R D 9 Pittsburgh
Keely Hal Plywood Co., 2908 Smallman St., Pittsburgh
C. Magill Lbr. Co., Inc., Empire Bldg., Pittsburgh
Edgar P. Marsh, 1633 Hillsdale Ave., Pittsburgh
A. K. McMillan Co., Wallace Bldg., Pittsburgh
J. B. Montgomery Co., Jones Law Bldg., Pittsburgh
Newell Lbr. Co., 400 Liberty Ave., Pittsburgh
A S Orr 106 Sheridan Ave Pittsburgh
Picket Lbr. Co., 37 Station St., (Crafton) Pittsburgh
Republic Lbr. Co., Jones Law Bldg., Pittsburgh
E. H. Shreiner Lbr. Co., Investment Bldg., Pittsburgh
Melvin Steinhilper 1295 Orangewood Pittsburgh
Stirling Lbr. Co., 500 Brushton Ave., Pittsburgh
Tionesta Lbr. Co., Conestoga Bldg., Pittsburgh
West Penn Lbr. Co., Inc., Farmers Bk. Bldg., Pittsburgh
Weyerhaeuser Sales Co Oliver Bldg Pittsburgh
Wilson Bros. Lbr. Co., Oliver Bldg., Pittsburgh
E J Bradley Lbr Co Pottsville
Bubser Lbr. Co., Pottsville
F. W. Lewis Lbr. Co., Pottsville
B. C. Baer & Son, 24 N. 6th St., Reading
Central Lbr. Co., 234 Walnut St., Reading
Chas. J. Karre, 232 Oak Ter. (Mount Penn), Reading
W. S. Rohrbach, 606 Court St., Reading
H E Davis 322 Metoxet St Ridgeway
Croft Lbr Co 101 Spring St Sayre
N P Epstein & Co Jefferson Ave & Ash St Scranton
D B & W J Clark Lbr Co Walnut St Stoneboro
Marquette-Bailey Lbr. Co., Uniontown
Summit Lbr. Co., Uniontown
George F Baker 23 Murtland Ave Washington
W. M. Ayers Lbr. Co., Miners Nat'l Bk. Bldg., Wilkes-Barre
North Branch Lbr. Co., Bennett Bldg., Wilkes-Barre
C. Crawford Smith, Miners Nat'l Bk. Bldg., Wilkes-Barre
H. C. Wiener Lbr. Co., Miners Nat'l Bk. Bldg., Wilkes-Barre
Pennsylvania Hardwood Lbr. Co., Wilkinsburg
Fred J. Coleman, 831 Washington Blvd., Williamsport
Chas. Krimm Lbr. Co., 801 1st St., Williamsport
Lawrence J Stopper 845 Grampian Blvd Williamsport
Lundy Hardwood Lbr. Co., 1896 W. 4th St., Williamsport
R. C. Mundy, 120 W. 4th St., Williamsport
Harold R. Buhl Willmont
Warner H. Lear, Willow Grove

RHODE ISLAND

L. H. Gage Lbr. Co., 258 Eddy St., Providence

SOUTH CAROLINA

A W Allison Lbr Co P O Box 212 Charleston
Jordan Wholesale Lbr. Co., Inc., 1015 N. Main St., Greenville
Southern States Lbr. Co., Inc., Laurens
King C. Tolles Lbr. Co., Rock Hill

SOUTH DAKOTA

Carl W. Riis Lumber Sales, Pierre
Fellows Sales Co., Nat'l Bk. of S. Dak. Bldg., Sioux Falls

TENNESSEE

Bond-Wolf & Co., Alcoa
Riggs Lbr. Co., Athens
Tennessee White Pine Co., Harriman
M C Roush P O Box 273 Johnson City
Malcolm Miller, P. O. Box 294, Knoxville
T H Estes Lbr Co Stahlman Bldg Nashville
Will B Duke Lbr. Co., Goodwyn Institute Bldg., Memphis
P. [illegible] Harris 3879 Central Memphis
Memphis Hardwood Flooring Co., P. O. Box 36, Memphis
Memphis Sash & Door Co., Roland St. & Union R. R., Memphis
Morris Bros., Porter Bldg., Memphis
Phillips Lbr. Co., 1352 Madison Ave., Memphis
J. T. Silk Lbr. Co., P. O. Box 25, Memphis
Talley Bros., P. O. Box 1021, Memphis
Harry B. Weiss, P. O. Box 392, Memphis
Creighton Lbr. Co., American Nat'l Bk. Bldg., Nashville
Dealers Supply Co., 23rd Ave. N., Nashville
T. H. Estes Lbr. Co., Stahlman Bldg., Nashville

TEXAS

T F Brashear Box 612 Austin
A. L. Koelzer Lbr. Co., P. O. Box 715, Austin
T. H. Hunter Jr., American Nat'l Bk. Bldg., Beaumont
Industrial Lbr & Piling Co P O Box 2908 Beaumont
R A Myer c/o Kirby Lbr Co P O Box 1852 Beaumont
E. G. Bower Lbr. Co., P. O. Box 2613, Dallas
P. H. Davidson Lbr. Co., P. O. Box 835, Dallas
George H Lord 6315 Lake shore Dr Dallas
C. C. Morse, 2540 Second Ave., Dallas
Joe W. Smith, P. O. Box 2146, Dallas
Swan Lbr. Co., P. O. Box 2526, Dallas
Varner Lbr Co 3716 Harvard St Dallas
Tobin Lbr. Co., P. O. Box 2351, Dallas
Eli Wiener 4321 Overhill Dr Dallas
E. L. Barrow, 2040 Glencoe Terr., Fort Worth
James F Farmer P O Box 1182 Fort Worth
E W Hunter 2115 N Main St Fort Worth
H Leeper Box 656 Fort Worth
J. W. C. Buckley & Son, 5009 Fannin St., Houston
W. H. Norris Lbr. Co., P. O. Box 257, Houston
Sabine Lbr. Co., 2nd Nat'l Bk. Bldg., Houston
Trinity River Lbr Co Box 1326 Houston
J. M. Hillier, Jefferson
Pan American Lbr. Co., Laredo
T. J. Chidlow, McAllen
Crawford Lbr. Sales Co., Nacogdoches
A. B. Spencer Lbr. Co., Bedell Bldg., San Antonio
Richard W. Wilson, P. O. Box 694, San Antonio
Chas. G. Cryer, P. O. Box 1086, Waco

VERMONT

Northern Lbr. Co., Saint Johnsbury
Perley R. Eaton, Rutland
H A Plunkett P O Box 492 Rutland
L C Udall Wolcott

VIRGINIA

A B Speight Co Box 149 Arlington
Clifton Forge Lbr. Co., Inc., Clifton Forge
R G Ransey Driver
Worden Transfer Co R 2 Box 318 Fairfax
Elco Lbr Co Inc P O Box 1034 Norfolk
John E. Wool Lbr. Co., Inc., P. O. Box 916, Norfolk
Philip Littig 202 Seneca Ave Richmond
Phillips Lbr Co Inc 1007 Times Dispatch Bldg Richmond
Troutner Lbr. Co., Inc., P. O. Box 1762, Richmond
Pocahontas Land Corp Box 1789 Roanoke
Edmunds Lbr. Co., Inc., South Boston
C R Bryan Box 508 Staunton

WASHINGTON

Lumber Mfrs. Agency, Centralia
Hemphill Lbr. Co., Chehalis
Palmer Lbr. & Mfg. Co., Chehalis
W L Miles Lebam
Hugh P. Brady, Skinner Bldg., Seattle
Perry E Canfield 2202 Northern Life Tower Seattle
Duncan Lbr. Co., Inc., P. O. Box 604, Seattle
Dunn Lbr. Co., General Insurance Bldg., Seattle
J H L Harris 3845 42nd St N E Seattle
J. G. Kennedy Lbr. Co., White, Henry, Stuart Bldg., Seattle
D. D. McKay Lumber, White, Henry, Stuart Bldg., Seattle
V W North Shorewood Addition S W Seattle
Olympic Lbr Co Inc 1052 Stuart Bldg Seattle
Pioneer Lbr. Co., White, Henry, Stuart Bldg., Seattle
Puget Supply Co North 34th & Fremont St Seattle
United States Lbr. Co., White, Henry, Stuart Bldg., Seattle
Western Lbr & Shingle Co 5519 White Bldg Seattle
Worth Lbr Co 5520 White Bldg Seattle
M. A. Wyman Lbr. Co., White, Henry, Stuart Bldg., Seattle
W S Brown E 1204 28th St Spokane
Duffy Lbr Co 1026 Old Natl Bk Bldg Spokane
Bock Lbr. Co., Old Nat'l Bk. Bldg., Spokane
Carl Soderberg, Old Nat'l Bk. Bldg., Spokane
Wales Lbr. Co., P. O. Box 1137, Spokane
Bert R. West Lbr. Co., P. O. Box 810, Spokane
Pacific Lbr. Agency, Sumner
General Hardwood Co 2020 E D St Tacoma
Pacific Forest Industries 1219 Washington Blvd Tacoma
R A McDonald Vail
S M Barnard 203 Arts Bldg Vancouver
U K Swift P O Box 345 Walla Walla

WEST VIRGINIA

The Thomas Hall Lbr Co Charleston
Baker McDuff, Clarksburg
D. D. Brown, Elkins
T W Elswick Box 1175 Huntington
H K Eutsler Lbr Co P O Box 700 Huntington
R F L Lbr Co P O Box 906 Morgantown
John B Yates Co Pennsboro

WISCONSIN

Geo. C. Robson, Appleton
Wm. J. Roemer Lbr. Co., Appleton
Pennington Lbr. Co., Birnamwood
W R Gillett 409 McKinley Ave Eau Claire
Wenberg Lbr. Co., Eau Claire
Enos Colburn, 414 E. Walnut, Green Bay
William Dix Jr., 858 Shawano Ave., Green Bay
Neufeld Lbr. Co., Minahan Bldg., Green Bay
A. C. Wilcox Lbr. Co., 928 E. Mason, Green Bay
B E Nelson 226 N Seventh St La Crosse
J J Fitzpatrick Lbr Co 114 North Carroll Madison
Robt. T. Holland, 2021 Chamberlain Ave., Madison
Lloyd McGraw 15 S Brearly Madison
Fred W. Rayne Lbr. Co., 104 King St., Madison
J. A. Blackburn, 5817 N. Lake Drive., Milwaukee
Boehm-Madison Lbr Co 161 W Wisconsin Ave Milwaukee
John W. Clifford, 2262 N. 59th St., Milwaukee
General Lbr. Co., 757 N. Broadway St., Milwaukee
Clayton O. Gibson, 5550 N. 36th St., Milwaukee
W J Hubbard 4461 N Prospect Ave Milwaukee
William Kelly—Lumber, 735 N. Water St., Milwaukee
A. W. Lindsey, Carpenter Bldg., Milwaukee
James A. Mathews, 536 N. Wisconsin Ave., Milwaukee
Priestly Lbr. Co., 4938 N. Larkin St., Milwaukee
Wm. A. Schneider, 161 W. Wisconsin Ave., Milwaukee
James C. Wendell Lbr. Co., 720 N. Jefferson, Milwaukee
Al. J. Wood, 740 N. Plankinton Ave., Milwaukee
H. R. Wrasse, P. O. Box 1707, Milwaukee
Chas. M. Rolph, Monticello
J F Biba Muscoda
Benj. Hartquist Lbr. Co., New London
Gardner Lbr Co Inc 119 Congress St Oconto
W J Campbell Lbr Co Ltd Oshkosh
Geo D Lawrence 211 Oshkosh Natl Bank Bldg Oshkosh
Levisee Lbr Co Oshkosh
Roy J. Lindsey, 311 Washington Blvd., Oshkosh
G A Mundinger Box 550 Oshkosh
Chas. S. Patterson, Park Falls
Arthur R Eastman 1108 Douglas Ave Racine
Harry L Thomas 806 Sixth St Racine
L F Petey Lbr Co Rhinelander
Ellinger Supply Co 1102 N 8th St Sheboygan
Metter Lbr. Sales Co., Sheboygan
E. R. Beyer Lbr. Co., Sheboygan
J J Adams Summit Lake
Ben Nuzum Lbr. Co., Tomah
A J Eiert 2448 Lefeber Ave Wauwatosa
John Wimmer 1500 S 79th St West Allis
Wheeler Arnold Co Wittenberg
Ivan Branham Woodruff
Wausau Lbr Sales Co Box 492 Wausau

Woodwork Jobbers

ALABAMA

Moore-Handley Hdwe Co Birmingham
Birmingham Sash & Door Co Birmingham Ala
McGowin-Lyons Hdwe & Supply Co Mobile
McPhillips Mfg Co Mobile
Underwood Coal & Supply Co Mobile
Wimberly and Thomas Hdwe Co Inc Birmingham
Anniston Hdwe Co Anniston
Cole Mfg Co 3901 First Av N Birmingham
Mobile Supply Co Mobile
Block Brothers Selma
Allen & Jemison Co Tuscaloosa

ARIZONA

Arizona Sash Door & Glass Co Phoenix
Galbraith Steel & Supply Co Phoenix
Arizona Sash Door & Glass Co Tucson
Southwestern Sash & Door Co Inc Tucson & Phoenix
Charles R West Phoenix

ARKANSAS

Dyke Bros Fort Smith North Little Rock Texarkana
Kenney Brothers Fort Smith
Scott Sash & Door Co Little Rock
Standard Lumber Company Pine Bluff
Standard Screen & Novelty Works Emmett
Long-Bell Lbr Co Fort Smith
Jonesboro Bldrs Supply Co Jonesboro
Cole Mfg Co Little Rock
Leird Lbr Co Little Rock
Arkansas Oak Flooring Co Pine Bluff
Standard Lumber Co Pine Bluff
Wm Cameron & Co Inc Texarkana
Western Door & Plywood Corp Fort Smith
Arkmo Lbr Co North Little Rock

CALIFORNIA

H W Brown Sash & Door Co 1913 E Florence Los Angeles
Cole Door & Sash Co 1049 E Slauson Av Los Angeles
MacDougall Door & Plywood Co 2035 E 51st Los Angeles
W P Fuller & Co Sacramento San Diego San Francisco
Nicolai Door Sales Co of Calif San Francisco
California Builders Supply Co Oakland
T M Cobb 5800 S Central Av Los Angeles & San Diego
Haley Brothers Santa Monica
Theodore Kornweibel Alhambra
Geo E Ream Co 235 S Alameda St Los Angeles
Pacific Mfg Co Santa Clara
Patten-Blinn Lbr Co 521 E 5th St Los Angeles
Western Door & Sash Co Oakland and Berkeley
Theriot Sash & Door Co 9415 S Alameda Los Angeles
Wheeler Osgood Sales Corp 922 S Flower St Los Angeles
Davis Millwork Co 1915 Adeline St Oakland
Wholesale Bldg Sup Co 1607 32nd St Oakland
California Lbr & Moulding Co 3110 E Foothill Blvd Pasadena
California Bldrs Supply Co Ltd 19th & S Sts Sacramento
San Francisco Sash & Door Co 290 Valencia St San Francisco
Harrison Wholesale Co. Santa Barbara
Harold Lunt Santa Barbara
Lumber Distributors Inc Stockton
T V Walker & Son Burbank
California Door Co Los Angeles
H W Koll Mill & Lbr Co Los Angeles
Downes & Spelman 2309 Adeline St Oakland
Lincoln Lbr Co 2201 E 14th St Oakland
Walter G Brobeck 153 Kearney St San Francisco
Harbor Plywood Corp of Calif 540 10th St San Francisco

COLORADO

Lumber Dealers Inc 1301 Wazee St Denver and Pueblo
Denver Reserve Supply Co 901 Wazee St Denver
Sterling Lbr & Investment Co Denver

CONNECTICUT

Cleary Millwork Co Inc Ansonia
Rogers Sash & Door Co New Britain & Hartford
Patmore Millwork Inc Bridgeport
Brockway-Smith-Haigh-Lovell Co Hamden
Hotchkiss Bros Co Torrington

DELAWARE

Morgan Millwork Co Inc Wilmington

FLORIDA

Atlanta Oak Flooring Co Jacksonville
Jacksonville Sash & Door Co Jacksonville
Gate City Sash & Door Co Ft Lauderdale and Miami
Huttig Sash & Door Co Jacksonville and Miami
A H Ramsey & Sons Inc Miami
Baird Hardware Co Gainesville Ga
Harbor Plywood Corp Jacksonville
Henderson-Fouraker Lumber Co Jacksonville
Wm Curry's Sons Co Key West
Lindsley Lumber Corp Miami
Miami Millwork & Lbr Co Miami
Knight & Wall Company Tampa

GEORGIA

Addison-Rudesal Co Atlanta
East Side Lumber & Coal Atlanta
Harbor Plywood Corp Atlanta
Rocky Mount Mfg Co Atlanta

IDAHO

W P Fuller & Co Boise
Idaho Supplies Inc Grangeville Lewiston Moscow

ILLINOIS

Clifford E Lamb Aurora
Curtis Companies Inc 1414 S Western Av Chgo 8
Harbor Plywood Corp 1444 W Cermak Rd Chgo 8
Morgan Sash & Door Co 2287 Blue Island Av Chgo 8
Pacific Mutual Door Co 2141 S Throop St Chicago 8
Red River Lumber Co 2452 Loomis St Chgo 8
Roberts Sash & Door Co 920 W Cullerton St Chgo 8
White Pine Sash Co 3612 W 38th St Chgo 32
Chicago & Riverdale Lbr Co 341 E 136 Pl Chgo
C L Ibsen Co 2139 Elston Av Chgo
Morgan Sash & Door Co 2287 Blue Island Chgo
Salb Sash & Door 2509 W Cermak Rd Chgo
Carr & Johnston Peoria
Buhai Sash & Door Co 3743 Belmont Av Chgo
Central Millwork Co 4920½ W Fullerton Chgo
Hannapel Door & Plywood Co 525 W 76th Chgo
F T Kartheiser Co 1911 N Harlem Ave Chicago
Geo J Silbernagel 8 S Michigan Ave Chicago
Home Millwork Co 5903 Northwest Highway Chgo
Melrose Mill Co 4257 Lincoln Av Chgo
F A Ringwald Co 353 W Madison Chgo
Roddis Co 1435 W 37 St Chgo
Frank Veverka Sash & Door Co 59th Av & IC RR Cicero
Alexander Lbr Co Decatur and Aurora
Valley Mercantile Co Elgin
Roesser Co 7737 W Van Buren Forest Park
Lumber Products Co Glencoe
Building Products Elkville
Edward Hines Lbr Co Skokie
Building Materials Wholesale Springfield
James R Fitzpatrick Springfield

INDIANA

Adams-Rogers Co P O Box 154 Indianapolis
Evansville Sash & Door Co Evansville
Wilkinson Co Michigan & Pine Sts Indianapolis
Hoosier Sash & Door Co Inc Anderson
Raymond W Stremming Evansville
Tri-State Wholesale Sash & Door Co Evansville
American Plywoods & Millwork Co Indianapolis
Hass Millwork & Bldg Materials Inc South Bend
Building Products Co Evansville
Indiana Reserve Supply Co Inc Fort Wayne
Koschnick & Co Indianapolis

IOWA

Curtis Companies Inc Clinton and Sioux City
Wood Products Co Waterloo
National Lbr & Shingle Co Des Moines & Cedar Rapids
Shaler Lbr Co Cedar Rapids
Williams & Hunting Co Cedar Rapids
Loetscher & Burch Mfg Co Des Moines
F I Products Co Fort Dodge
Fort Dodge Wholesale Distributing Co Fort Dodge
Snell Sash & Door Co Sioux City

KANSAS

Curtis Companies Inc Topeka
Pacific Mutual Door Co., Kansas City
Rounds & Porter Co Wichita
United Sash & Door Co Wichita

KENTUCKY

Central Kentucky Supply Co Lexington
E W Camp Plywood Co Inc Louisville
Louisville Sash & Door Co Louisville
Lumbermen's Wholesale Service Inc Louisville
Welker Sash & Door Co Inc., Louisville
Paducah Sash & Door Co Paducah, Ky
Big Sandy Hardware Co Paintsville
Byron Sash & Door Co Louisville
Huttig Sash & Door Co Hughes Division Louisville

LOUISIANA

Davidson Sash & Door Co Inc Alexandria and Lake Charles
Cole Mfg Co 1740 Poydras New Orleans
Madison Lbr Co 721 S Claiborne Av New Orleans
Tulane Hdwd Co Inc 4200 Tulane Av New Orleans
Allen Millwork Mfg Co St Vincent Av & 63rd Shreveport
Gulf States Plywood Co 781 La Salle St New Orleans
New Orleans Sash & Door Co 2730 Clio St New Orleans
Lumber Dealers Supply Co Inc Baton Rouge
Bacon Lbr Co Whitney Bldg New Orleans

MAINE

H F Farnham Company Portland
Brockway-Smith-Haigh-Lovell Co Portland

MARYLAND

Dixie Millwork Co Inc Hagerstown
Morgan Millwork Co Inc 113 W North Av Baltimore
Radford & Sanders Inc 612 W Pratt Baltimore

Dealers Warehouse Supply Co Inc Hillen & Exeter Sts Baltimore
James P Foster Co Inc 115 S Frederick St Baltimore
Pacific Mutual Door Co 1407 Fleet St Baltimore
Harbor Sales Co Inc 1501 S Warner St Baltimore
Buchanan Lbr Co Cumberland
Delmarva Sash & Door Co Inc Sudlersville
White Pine Sash Co of Mass Everett

MASSACHUSETTS

Brockway-Smith-Haigh-Lovell Co 465 Medford Boston and Lynn
Hall-Gregg Inc 309 Beacon St Somerville
Brittain & Cannon Co., Watertown
Martin Lumber Co Springfield
F H Newton Co Inc Somerville
Roddis Plywood & Door Co Inc 15 Carleton St Cambridge
Richards & Davis Fall River
Wm C McConnell Co 95 Huntington Av Boston
A W Hasting & Co Inc Somerville
Springfield Millwork Co Springfield
Kimball Lumber Co Watertown
W H Sawyer Lumber Co Worcester

MICHIGAN

Curtis Ros Co 5159 Loraine Av Detroit 8
Flint Sash & Door Co Flint 1 and Saginaw
Grand Rapids Sash & Door Co Grand Rapids 8
Kimball & Wilson Inc 2127 Fenkell Av Detroit 3
Kneeland-Bigelow Distrib Co Bay City
Porter-Hadley Co Grand Rapids 2
Royal Oak Wholesale Co Royal Oak
Teachout Sash Door & Glass Co Brandt and Wyoming Sts Detroit 10
Welch Sash & Door Co Port Huron and Pontiac
Wolverine Shingle & Lumber Co 14930 Linwood Av Detroit 21
Mershon Eddy Parker Co Saginaw
Saginaw Lumber Co Saginaw
troit
Kimball & Wilson 2127 Fenkell Av Detroit
Pfaff Sash & Door Co 14291 Meyers Rd Detroit
Wholesale Lbr & Bldg Matls Inc 7500 E Davison Av Detroit
Wolverine Shingle & Lbr Co 14930 Linwood Detroit
Smith-Orr Co Dearborn
Dealers Wholesale Supply Co Inc 12871 Eaton Av Detroit
Lumbermen's Credit & Warehouse Co Kalamazoo
Grand Rapids Sash & Door Co 1300 Turner St Lansing
Continental Screen Co Detroit
C L Ibsen Co 5437 Hecla Ave Detroit
Patterson Lbr Co Detroit
Carl W Scott 12844 Greenfield Ave Detroit
Miller Whlse & Warehouse Co Kalamazoo
H V Kennedy Lbr Co Royal Oak

MINNESOTA

F I Products Co St Paul
Scott-Graff Co Duluth
Carr-Cullen Co 1030 Marshall St Minneapolis
Curtis Companies Inc 1809 SE Fifth Minneapolis
E E Bach Millwork Co 3121 Hiawatha Minneapolis
Simons Inc 7th St S & Cedar Av Minneapolis
Radford Co 106 N 46th Av W Duluth
Pacific Mutual Door Co 2235 Territorial Rd St Paul
Donlin-Johnson Co St Cloud
Walter Burfeind Co 100 24th Av N Minneapolis
Snell Sash & Door Co 1400 Selby Av St Paul

MISSISSIPPI

Hattiesburg Hdwe Stores Inc Hattiesburg
Allen Millwork Mfg Co Jackson
McGraw-Curran Lbr Co Inc Yazoo City

MISSOURI

Southwestern Sash & Door Co Joplin
Rust Sash & Door Co Kansas City
Imse-Schilling Sash & Door Co 4217 Beck St St Louis
St Louis Sash & Door Works 3440 N Broadway St Louis
Dyke Bros 13th St & Mulberry Kansas City and Joplin
Toombs-Fay Co 542 W Phelps St Springfield
American Sash & Door Co St Joseph
Central Sash & Door Co Springfield
Southern Supply Co Springfield
Waggener Store Co Festus
Charles C Meek Supply Co Lockwood and Springfield
Fox Bros Mfg Co 2717 Sidney St St Louis
Theiling-Lothman Mfg Co 3400 N Hall St St Louis

MONTANA

Building Service Inc Great Falls Mont
W P Fuller Inc Butte and Missoula
Havre Bldrs Supply Co Havre
Richland Lumber Co Glendive

NEBRASKA

Curtis Companies Inc 645 K St Lincoln
Adams & Kelly 1218 Nicholas St Omaha

NEVADA

Builder Mill Inc Reno

NEW HAMPSHIRE

D'Arcy Co Dover

NEW JERSEY

Pacific Mutual Door Co Garwood
Bossman & Casson Inc Harrison
Jersey Millwork Corp Jersey City
Whittier Lbr & Millwork Co Newark
Reeb Millwork Corp Roselle
Black Millwork & Lbr Co Inc Midland Park
C C Coolbaugh & Son Co Gloucester City
Engler Millwork Corp Jersey City
General Woodcraft Co Inc North Bergen
J R Quigley Co Gloucester City
C R Rudinger Inc Kearney
Central Jersey Wholesale Supply Co Trenton

NEW MEXICO

Southwestern Sash & Door Co Inc Albuquerque
Santa Fe Bldrs Sup Co Santa Fe

NEW YORK

The Blount Lumber Co Oswego County Lacona
General Millwork Corp Utica 1
The Gibson Door Co Utica 4
Iroquois Door Co Buffalo 10 Syracuse 8
Iroquois Millwork Corp Albany 1
Rock Island Lbr Co—Teachout Co Division 52 Leslie St Buffalo 11
Wood Glass Co Syracuse
Robbins Millwork Co Inc Albany
Robbins Door & Sash Co Inc Ithaca
Charles C Kellogg & Sons Utica
J A Melnick 131 51st St Brooklyn
Octavius Leon Inc 20 Worth St Yonkers
Parshelsky Bros Inc 131 Morgan Av Brooklyn
General Millwork Corp 70 Fourth Av Albany
Evans Lumber Co Inc 1698 Genessee St Buffalo
Marvin Millwork Inc Ellenville
Sturtevant Millwork & Lbr Corp Hicksville
Cameron Lumber Co Inc Newburgh
American Screen Distributors 222nd & 97th Sts NY NY
Becker-Danowitz Co Inc 414 Hooper St NY NY
Entenman Millwork Corp 169 Gardner Ave Brooklyn
D Ginsburg & Sons Inc 112 Northern Blvd NY NY
Glendale Sash & Millwork Corp 71-00 80th St Glendale NY NY
Gottfried Millwork Co 17 Forrest St Brooklyn
Concord Lbr Co Inc Albany
Trimpak Corp New Rochelle
Feldman Wood Products Co 23-49 Borden Ave Long Island City N Y
Hussey-Williams Co Inc 90-15 95th Ave Ozone Park N Y
Whitmer-Jackson Co Buffalo 4 and Rochester 3
Royal Glass Works Corp 50-20 25th St Long Island City N Y
Valentine Stortz & Co 136 Liberty St NYC NY

NORTH CAROLINA

Huttig Sash & Door Co Charlotte
North State Material Co Asheville
Atlanta Oak Flooring Co Charlotte
Barger Millwork Co Statesville
Harris Hdwe Co Washington
Smith Builders Supply Inc Wilmington

NORTH DAKOTA

Minot Builders Supply Minot and Williston
Bardwell-Robinson Co Fargo
Builders Supply Co Bismarck and Fargo

OHIO

Acme Sash & Door Co 2nd and John St Cincinnati 2
Akron Sash & Door Co Akron 11
Brown-Graves Co Akron 1
Collier-Barnett Co Toledo 2
Dayton Sash & Door Co Dayton 2
Great Lakes Sash & Door Co Cleveland 14
Interstate Sash & Door Co NE Canton 4
Interstate Sash & Door Co 1484 Riverbed Av NW Cleveland 13
Lumbermen's Door & Trim Co 18161 Euclid Av Cleveland 12
Mahoney Sash & Door Co 1908 Mahoning Rd NE Canton 5
Allen A Smith Co Toledo 6
Teachout Sash Door & Glass Co Columbus 15
Throop-Martin Co Columbus 15
Toledo Door & Sash Co Toledo 7
Whitmer-Jackson Co Cleveland
Lumbermen's Wholesale Co Ashland O
Cincinnati Sash & Door Co 942 W 6th Cincinnati
Almas Lumber Company Cleveland
Babin Sash & Door Co Cleveland
Brown-Graves Co Cleveland
Carver-Behan Co Cleveland
Great Lakes Sash and Door Co Cleveland
Interstate Sash & Door Co Cleveland
Lumbermen's Door & Trim Co Cleveland
Rock Island Lumber Co Cleveland
Huttig Sash & Door Co Columbus
Rae Columbus Inc Columbus
Collier Barnett Company Toledo
Allen A Smith Company Toledo
Toledo Door & Sash Co Toledo
Queen City Sash & Door Co 45 Race St Cincinnati
Ohio City Sash & Door Co Dayton

OKLAHOMA

Wm Cameron & Co Altus
Lumbermen's Millwork & Supply Co Ardmore
T H Rogers Lumber Co McAlester
Dyke Brothers Oklahoma City
Long-Bell Lbr Co Oklahoma City
Lumber Mill Sales Co Oklahoma City
Morgan Sash & Door Co Oklahoma City
Neal Millwork & Supply Co
Oklahoma Sash and Door Co Oklahoma -City
Southern Bldrs Supply Co Ada
L C Morgan Sash & Door Co Lawton
Kilpatrick Bros Inc Oklahoma City
Neal Millwork & Supply Co Oklahoma City
General Sash & Door Co Tulsa
Rounds & Porter Co Altus Oklahoma City and Tulsa

OREGON

Western Door & Plywood Corp Albany
W P Fuller & Co Inc Portland
Gilbert Hawley Co Portland
Lumber Dealers Inc Eugene
J H Lausmann Co Portland
Lumber Products Inc Portland
Geo J Silbernagel Pacific Bldg Portland
Western Door & Plywood Co Lumbermen's Bldg Portland

PENNSYLVANIA

Adelman Lumber Co Pittsburgh 19
Commercial Sash & Door Co Pittsburgh 1
N B Epstein Company Scranton 9
Lyman Felheim Co Erie
Iron City Sash & Door Co Pittsburgh 3
J R Quigley Co Inc Cressona
C C Coolbaugh & Son Co Lancaster
W C Ashenfelter & Son Inc Philadelphia
Wm H Derr Co Philadelphia
Buchanan Lbr Co Altoona
Reeb Millwork Corp Bethlehem
Delmarva Sash & Door Co Inc Lancaster
Loughlin & Weigelt 1017 N Front St Philadelphia
Lumico Sales Co 927 N Front St Philadelphia
Robbins Door & Sash Co Scranton Shenandoah and Williamsport

RHODE ISLAND

H A Grimwood Providence

SOUTH CAROLINA

Dealers Supply Co Greenville
Southern Sash & Door Co Greenville
W S Robinson Chester

SOUTH DAKOTA

Dakota Sash & Door Co Aberdeen
Watertown Sash & Door Co Watertown
Kehm Builders Supply Co Sioux Falls

TENNESSEE

Scheidegger Woodwork Supply Co Chattanooga
Chandler & Co Inc Knoxville
House-Hassen Hdwe Co Inc Knoxville
Huttig Sash & Door Co Knoxville
C M McClung & Co Inc Knoxville
Cole Mfg Co Memphis
Dyke Brothers Memphis
Fischer Lime & Cement Co Memphis
Memphis Sash & Door Co Memphis
Beasley & Sons Co Nashville
J E Chilton Millwork & Lbr Co Nashville
Nashville Sash & Door Co Nashville
Warren Brothers Co Nashville
Summers Hdwe & Supply Co Johnson City

TEXAS

Amarillo Sash & Door Co Amarillo
Lamb Sash & Door Co Amarillo
Davidson Sash & Door Co Austin
Steves Sash & Door Co Corpus Christi
Buell Lbr & Mfg Co Dallas
Clem Lbr Co Dallas
Lyon-Gray Lumber Co Dallas
Moore & Company Dallas
Crawford Mfg Co El Paso
Southwestern Sash & Door Co Inc El Paso
H H Hardin Sash & Door Co Fort Worth
Texas Sash & Door Co Fort Worth
Southmost Sash & Door Co Harlingen
Bering Mfg Co Houston
Detering Company Houston
Dyke Brothers Houston
Houston Sash & Door Co Houston
Galbraith Steel & Supply Co El Paso
Wm Cameron & Co Inc Abilene Austin Beaumont Corpus Christi Fort Worth Harlingen Houston Lubbock Lufkin Odessa San Angelo San Antonio Tyler Waco and Wichita Falls
Geo C Vaughan & Sons Houston and San Antonio
Steves Sash & Door Co Houston and San Antonio
Galbraith Steel & Supply Co Lubbock Marfa Pecos
Lubbock Sash & Door Co Lubbock
Lyon-Gray Lbr Co Paris
Sweetwater Sash & Door Co Sweetwater
C D Shamburger Jr Supply Co Wichita Falls
Grayson Millwork & Supply Co Sherman
Huttig Sash & Door Co of Texas Dallas
United Sash & Door Co Amarillo

VIRGINIA

Building Supplies Corp Norfolk
Sash Door & Glass Corp Richmond
Rocky Mount Mfg Co Inc Rockymount
Holland & Beaman Co Suffolk
Binswanger & Co Richmond
Huttig Sash & Door Co Roanoke

WASHINGTON

Morse Hardware Co Bellingham
Savage Lbr & Mfg Co Renton
F. L. Hartung Co Seattle and Spokane
W P Fuller & Co Tacoma
Johnson & Lundgren Tacoma
Pacific Mutual Door Co Tacoma
Tacoma Sash & Door Co Tacoma
W P Fuller & Co Seattle Spokane Tacoma Walla Walla and Yakima

WEST VIRGINIA

Bluefield Sash & Door Co Bluefield
Charleston Hardware Charleston
Carolina Lumber Co Huntington
Foster-Thornburg Hdwe Co Huntington
W H Smith Hardware Co Parkersburg
Martin & Jones Inc Ronceverte
W A Wilson & Sons Inc Wheeling

WISCONSIN

Moore & Galloway Lbr Co Fond du Lac
Burmeister Woodwork Co Milwaukee
Racine Millwork & Supply Co Racine
Ellingers Supply Inc Sheboygan
Wilbur Lbr Co Waukesha
Marquart Millwork Co Oshkosh
Morgan Co of Wisconsin Oshkosh
Radford Co Oshkosh
Curtis Companies Inc Wausau
Wilbur Lbr Co West Allis

WYOMING

Lumber Dealers Inc Cheyenne

Wholesalers of Building Materials

ALABAMA

Birmingham Sash & Door Co Birmingham
Underwood Coal & Supply Co Mobile

ARIZONA

Galbraith Steel & Supply Co Phoenix
C M Martin Phoenix
O'Malley Lumber Co Phoenix
Southwestern Sash & Door Co Inc Phoenix and Tucson

ARKANSAS

Lumbermen's Supply Co Arkadelphia
Dyke Bros Fort Smith North Little Rock and Texarkana
Arkmo Lbr Co North Little Rock
Wm Cameron & Co Inc Texarkana

CALIFORNIA

Mathews & De Haven Inc Fresno
Accepted Materials Co Los Angeles
Downes & Spelman 2309 Adeline St Oakland
Special Materials 3330 E 12th St Oakland
Golden State Flooring Co 375 Rhode Island St San Francisco
Harrison Wholesale Co Santa Barbara
Building Matl Distributors Stockton
Reserve Warehouse Inc Oceanside
Pacific Coast Aggregates Inc San Francisco
Perry E Canfield Burbank
R J M Co Los Angeles
Reserve Warehouse Inc Oceanside
Western Bldrs Supply Co San Francisco
Lumbermen's Supply Inc Sacramento
Wholesale Bldg Supply Inc Oakland

COLORADO

Denver Reserve Supply Co Denver
Hallack & Howard Lbr Co 7th & Larimer Sts Denver
Sterling Lbr & Investment Co Denver
Lumber Dealers Inc Denver and Pueblo

FLORIDA

Stringfellow Supply Co Gainesville and Hollywood
Calvit Howell & Co Jacksonville
Bailey's Lbr Yard Inc Miami
Booker & Dickson Inc Tampa
Knight & Wall Co Tampa
Gate City Sash & Door Co Ft Lauderdale and Miami
Dania Lbr & Supply Co Hollywood and Miami
Henderson-Fouraker Lbr Co Jacksonville
Lindsley Lbr Corp Miami

IDAHO

Atkinson Reilly Co Inc Boise
Continental Lumber Co Boise
Idaho Supplies Inc Grangeville Lewiston and Moscow
Morrison-Merrill & Co Inc Pocatello

ILLINOIS

Alexander Warehouse & Sales Co 20 W Jackson Blvd Chicago; also Aurora Joliet and Urbana
Valley Mercantile Co Elgin
J L Keith & Son Fairfield
Building Supply Co Granite City
Lumber Dealers Supply Co Libertyville
Wholesale Distributing Co Moline
Rock Island Warehouse Sales Co Rock Island
State Line Builders Supply Co South Beloit
Rinkenberger Co Washington
East Side Lumberyard Supply Co East St Louis
Building Products Elkville
Building Materials Wholesale Springfield
Edward Hines Lbr Co 77 W Washington St Chgo and Skokie
Washington Supply Co Washington

INDIANA

Building Products Co Inc Evansville
Indiana Wholesalers Inc Evansville
Raymond W Stremming Evansville
Curdes Lumber Co Inc Fort Wayne
Great Lakes Distributing Co Ft Wayne and South Bend
Indiana Reserve Supply Co Ft Wayne
Michigan Wholesalers, Inc Fort Wayne
Carter-Lee Lbr. Co Indianapolis
Indianapolis Plywood Co Indianapolis
Lumberman's Wholesale Supply Co Indianapolis
Wilkinson Co Inc Indianapolis
Metzger Wholesale Co Lebanon
Wabash Valley Lbr. & Supply Co Inc Terre Haute

IOWA

Lumbermen's Associated Buyers Co Inc Cedar Rapids and Des Moines
Lumbermen's Reserve Sup Co Des Moines
Tip-Top Distributing Co Cedar Rapids Des Moines and Storm Lake
Williams & Hunting Co Cedar Rapids
Joyce Lbr & Supply Co Council Bluffs
Loetscher & Burch Mfg Co Des Moines
F I Products Co Fort Dodge
Ft Dodge Wholesale Distributing Co Ft Dodge
Thos Mould Lbr Co Sioux City
Perry E Canfield Waterloo
Waterloo Roofing & Supply Co Waterloo
Wood Products Co Waterloo

KANSAS

L J White Lbr Co Hutchinson
Badger Lbr Co Kansas City
T F Martin Lbr Co Topeka
Lumber Dealers Service Co Kansas City
Rock Island Warehouse Sales Co Wichita

KENTUCKY

Central Kentucky Supply Co Lexington
Mutual Service Co Inc Louisville
Lumbermen's Wholesale Service Inc Louisville

LOUISIANA

Lumber Dealers Supply Co Inc Baton Rouge
Madison Lumber Co New Orleans
Central Wholesale Co Inc Shreveport

MASSACHUSETTS

Elhide Co Cambridge
Connecticut Valley Reserve Supply Co Springfield
Diamond Match Co Springfield

MICHIGAN

Grand Rapids Reserve Supply Co Grand Rapids
Porter-Hadley Co Grand Rapids
Western Michigan Bldg Material & Supply Co Grand Rapids
Hamar-Quandt Co Houghton
Consolidated Fuel & Lumber Co Ishpeming
Hartwick-Woodfield Co Jackson
Michigan Wholesalers Inc Jackson
Miller Wholesale & Warehouse Co Kalamazoo
Wholesale Lbr Products Co Muskegon
Saginaw Lbr Co Saginaw
Baker Wholesale Co Battle Creek
Kneeland-Bigelow Distributing Co Bay City
Cadillac Wholesale Supply Cadillac
Hansen Wholesale Lbr Corp Dearborn
Dealers Wholesale Supply Inc Detroit
Lumbermen's Wholesale Supply Co Detroit
Wholesale Lbr & Bldg Materials Inc Detroit
Flint Sash & Door Co Inc Flint
Evans & Retting Lbr Co Grand Rapids
Fir-Tex of Michigan Grand Rapids

MINNESOTA

F I Products Co St Paul
Reserve Supply Co St Paul
Woodruff Lbr Co 817 Garfield Ave Duluth
Northwest Supplies Co 1200 Central Ave Minneapolis
Rock Island Warehouse Sales Co 1st Nat Bk Bldg St Paul

MISSISSIPPI

Lumbermens Supply Co Jackson

MISSOURI

Four States Supply Co Carthage
Badger Lumber Co Inc Kansas City
Central Reserve Lumber Co Kansas City
Stark & Co Kansas City
Charles C Meek Supply Co Lockwood
Saint Joseph Bldrs Supply Co St Joseph
Lebanon Wholesale Materials Co Lebanon
Lumberyard Supply Co St Louis
J C Williamson Dexter
Dyke Bros Joplin and Kansas City
Southwestern Sash & Door Co Joplin
Lumbermen's Supply Co Kansas City and St Joseph
Toombs & Co Springfield

MONTANA

Havre Bldrs Supply Havre

NEBRASKA

Central Lbr Sales Co Lincoln
Joyce Lumber & Supply Co Omaha
Byers Lumber Co Hastings
Chicago Lumber Co of Omaha Omaha
Lumbermen's Brick & Supply Co Omaha

NEVADA

Flanigan Warehouse Co Reno

NEW HAMPSHIRE

Diamond Match Co Dover

NEW JERSEY

Manufacturers Reserve Supply Inc Irvington
C R Rudinger Inc Kearny
Fir-Tex of New Jersey Inc Orange
Central Jersey Wholesale Supply Co Trenton

NEW MEXICO

Southwestern Sash & Door Co Inc Albuquerque
Santa Fe Bldrs Sup Co Santa Fe

NEW YORK

Wholesale Service Supply Corp Albany
Diamond Match Co 30 Church St NYC
Harry R Austin Lbr Co Ouaquaga

NORTH CAROLINA

North State Material Co Asheville
Smith Bldrs Supply Inc Wilmington

NORTH DAKOTA

Minot Bldrs Supply Co Minot
Builders Supply Co Bismarck
Minot Builders Supply Co Williston

OHIO

Athens Flooring Co Athens
Midwest Lbr Co Cleveland
Rae Columbus Inc Columbus
Lumbermen's Wholesale Co Ashland
Ashtabula County Wholesale Lbr Co Ashtabula
Industrial Wholesale Lbr Co Cleveland
Reserve Supply Co Warren
Michigan Wholesalers Inc Toledo
Rae Bldg Matls Toledo
Union Wholesale Lbr Co Youngstown

OKLAHOMA

Wm Cameron & Co Inc Altus
Lumbermens Supply Co Oklahoma City
Neal Millwork & Supply Co Oklahoma City
Lumber Mills Sales Co Oklahoma City

OREGON

City Lbr & Supply Co Astoria
Shockley Lbr Co Baker
Lumber Dealers Inc Eugene
Twin Oaks Bldrs Supply Co Eugene
Gilbert Hawley Co Portland
Chas E Sand Plywood Co Portland
Bevil & Co 80 SE Madison St Portland
Howard Teel 4621 NE 12th Ave Portland
Lamb-Schrader Co Tillamook

PENNSYLVANIA

M L Claster & Sons Lock Haven
Philadelphia Reserve Supply Co Philadelphia
Wallboard Wholesalers Inc Philadelphia
Wholesale Distributing Co Pittsburgh

SOUTH CAROLINA

Piedmont Wholesale Co Greenville

SOUTH DAKOTA

Rapid City Lbr Co Rapid City
Jordan Millwork Co Sioux Falls

TENNESSEE

Bristol Builders Supply Co Bristol
Dealers Supply Co Nashville
Dyke Bros 91 W Virginia Ave Memphis

TEXAS

Buell Lumber & Mfg Co Dallas
Wm Cameron & Co Inc Abilene Austin Beaumont Corpus Christi Fort Worth Harlingen Houston Lubbock Lufkin Odessa San Angelo San Antonio Tyler Waco and Wichita Falls
Chambers Lbr Co Dallas
Huttig Sash & Door Co of Texas Dallas
Galbraith Steel & Supply Co El Paso Lubbock Marfa Pecos
Southwestern Sash & Door Co Inc El Paso
G C Cooley Wholesale Lbr & Bldg Matl Fort Worth
Dyke Bros Houston
Geo C Vaughan & Sons Houston Nederland and San Antonio
Lyon-Gray Lbr Co Dallas and Paris
Gulf State Lbr Co Tyler
Nash Robinson & Co Inc Waco
C D Shamburger Jr Supply Co Witchita Falls

UTAH

R W Frank & Co Inc Salt Lake City
Lumber Dealers Supply Salt Lake City
Morrison-Merrill & Co Inc Salt Lake City

VIRGINIA

Mingo Lime & Lbr Co Grundy

WASHINGTON

Building Supplies Inc Spokane
Idaho Supplies Inc Spokane
Stouffer-Bowman Co Aberdeen
Dealers Warehouse Inc 5202 15th Ave NW Seattle
F L Hartung Co Seattle and Spokane
Palmer G Lewis Co 14 Hanford St Seattle
Lockwood Warehouse Corp 2823 Western Ave Seattle
Lumber Supply & Warehouse Co 535 Elliott Ave W Seattle
Exchange Lbr & Mfg Co Spokane
Johnson & Lundgren Tacoma

WEST VIRGINIA

Hartland Planing Mill Co Clarksburg
Mingo Lime & Lbr Co Williamson
H L Seabright Co Wheeling
W A Wilson & Sons Co Wheeling

WISCONSIN

Lumber Dealers Supply Inc Green Bay
Ellingers Supply Co Inc Sheboygan

WYOMING

Lumber Dealers Inc Cheyenne

Building Products and Equipment Directory

THIS classified list of products, equipment and services used in and by the lumber and building materials industry contains the names of most of the manufacturers and service organizations. Many of the products may not be available currently due to wartime restrictions. Some are available only in limited quantity, but for the lumberman seeking to expand his lines of cash sale merchandise the list should prove helpful.

The primary purpose of the listing at this time, however, is to help lumber producers and the retailers of lumber and building materials to determine their postwar needs. For the retailers in particular the intent is to provide information which will be valuable in determining lines of merchandise to be carried in the postwar era.

The listing is presented in streamline style without cross references on the assumption that readers are familiar enough with the use of classified listings to provide their own cross references in those cases where there is reasonable doubt as to the heading under which a particular product or service should be listed. Choice of the noun or the descriptive adjective as the governing word in determining the classification was made on the basis of which is the dominating word in the opinion of the editors.

Special attention is directed to the lumber section in which the products normally sold by each company are indicated by appropriate symbols.

ABRASIVES—coated

Abrasive Prod Inc So Braintree Mass
Armour Sandpaper Wks 1355 W 31st Chgo Ill
Behr-Manning Corp Troy N Y
Carborundum Co Niagara Falls N Y
Clover Mfg Co Norwalk Conn
Igoe Bros Inc 73 Metropolitan Av Brooklyn 11 N Y
Mid-West Abrasive Co Detroit Mich
Minnesota Mining & Mfg Co St Paul Minn
Porter Cable Mach Co Syracuse 8 NY
Sandpaper Inc Waltham Mass

ADHESIVES

Abesto Mfg Co Michigan City Ind (208)
American Asphalt Roof Corp Kan Cty Mo
American Cyanimid & Chem Co 300 Rockefeller Plaza NY NY
Armstrong Cork Co Lancaster Pa
Barclay Mfg Co 385 Gerard Av Bronx NY
The Bessemer Limestone & Cement Co Youngstown O
Black Swan Mfg Co 2235 W Grand Av Chgo Ill
E L Bruce Co Memphis Tenn (9)
Philip Carey Mfg Co Cincinnati 15 O (65)
Casein Co of America 350 Madison Av NY NY (116)
Catalin Corp 1 Park Av NY 16 NY
The Celotex Corp 120 S La Salle Chgo Ill (10)
Certain-teed Prod Corp 120 S La Salle Chicago Ill (25)
The Commercial Paste Co Columbus O
Consumers Glue Co St Louis Mo
E I Du Pont de Nemours & Co Inc Wilmington Del
Durite Plastics Inc 5000 Summerdale Av Philadelphia 24 Pa
The Flintkote Co Inc 30 Rockefeller Plaza NY NY (73)
H B Fuller Co 255 Eagle St Paul 2 Minn
Globe Roofing Prod Co Inc Whiting Ind
Hadley Bros-Uhl Company 3952 W Pine Blvd St Louis 8 Mo
The Insulite Co Minneapolis Minn
Johns-Manville Corp 22 E 40th NY 16 NY
I F Laucks Inc 911 Western Av Seattle 4 Wash
The Lehon Co 4425 S Oakley Chgo Ill
Le Page's Inc Gloucester Mass
Marsh Wall Prod Inc Dover O (75)
The Masonite Corp 111 W Washington Chgo Ill
Miller Rubber Industrial Prod Div of The B F Goodrich Co Akron Ohio
Minnesota Mining & Mfg Co St Paul Minn
Miracle Adhesives Corp Newark 8 N J
Monite Waterproof Glue Co Minneapolis 11 Minn
Monsanto Chemical Co 1700 S Second St Louis 4 Mo
National Casein Sales 601 W 80th Chgo 20 Ill
Nat'l Gypsum Co Buffalo N Y (69)
Nat'l Mfg Corp Tonawanda N Y
Pacific Portland Cement Co San Francisco 6 Cal
Paisley Prod Inc 1770 Canalport Av Chgo 16 Ill
Patent Cereals Co Geneva NY
Pecora Paint Co American & Venango Philadelphia 40 Pa
Perkins Glue Co Lansdale Pa
Presstite Engineering 3900 Chouteau Av St Louis 10 Mo
Reilly Tar & Chemical Corp Indianapolis 4 Ind
Republic Creosoting Co Indianapolis 4 Ind (196)
Sargent-Gerke Co Indianapolis 6 Ind
So-Lo Wks Inc Loveland O
Storm Flooring Co Inc 2500 Park Av NY NY
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
Tylac Co Monticello Ill
U S Plywood Corp 55 W 44th NY NY (36)
United States Rubber Co 1230 5th Av NY NY
Wood Conversion Co St Paul Minn (22-23)
X-Pando Corp Long Island City N Y
Youngstown Manufacturing Inc 66 S Prospect Youngstown 6 Ohio

ADJUSTERS—screen & sash

Casement Hdw Co 406 N Wood St Chgo Ill
Champion Hdw Co Geneva O
P & F Corbin New Britain Conn
Dudley Lock Corp 325 N Wells Chgo Ill
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
Hope's Windows Inc Jamestown N Y
F D Kees Mfg Co Beatrice Neb
Lockwood Hdw Mfg Co Fitchburg Mass
McKinney Mfg Co Pittsburgh Pa
Nat'l Brass Co Grand Rapids Mich
Nat'l Mfg Co Sterling Ill
Norwalk Lock Co 395 Broadway NY 13 NY
Penn Hdw Co Reading Pa
Reading Hdw Corp Reading Pa
Russell & Erwin Mfg Co New Britain Conn (181)
The Safe Padlock & Hdw Co Lancaster Pa
Sargent & Co New Haven Conn
Schlage Lock Co San Francisco Cal
Sterling Hdw Mfg Co 2341 W Nelson Chgo Ill
Yale & Towne Mfg Co Stamford Conn

ADVERTISING SPECIALTIES

American Emblem Co Utica N Y
Littlestown Hdw & Fdry Co Littlestown Pa
Minnesota Specialty Co Second Av N & 4th Minneapolis Minn
Parisian Novelty Co 3510 Western Av Chicago 9 Ill
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
The Sanders Mfg Co Nashville Tenn
Shedd Brown Mfg Co Minneapolis Minn

AGITATORS—paint

The C O Bartlett & Snow Co 6200 Harvard Av Cleveland 5 Ohio
Binks Mfg Co 3124 W Carroll Av Chgo Ill
Blaw-Knox Co Pittsburgh Pa
S F Bowser & Co Inc Ft Wayne Ind
Brown-Fayro Co Johnstown Pa
W E Caldwell Co Louisville 8 Ky
Consolidated Steel Corp Ltd Los Angeles Cal
J H Day Co Cincinnati O
The DeVilbiss Company 300 Phillips Av Toledo 1 Ohio
Diamond Iron Wks Inc Minneapolis 11 Minn
Edge Moor Iron Wks 30 Rockefeller Plaza NY NY
Electric Sprayit Co Sheboygan Wis
Fanner Mfg Co Cleveland O
Miracle Paint Rejuvenator Co Inc St Paul Minn
Mixing Equip Co Inc Rochester N Y
Paasche Airbrush Co 1909 W Diversey Chgo Ill
Patterson Fdry & Mach Co East Liverpool O
Read Mach Co Inc York Pa
Red Devil Tools Irvington 11 NJ
Ridgely Trimmer Co Springfield Ohio
Chas Ross & Son Co 150 Classon Av Brooklyn N Y
Tamms-Silica Co 228 N La Salle Chgo 1 Ill

AIR COMPRESSORS

Binks Mfg Co 3124 W Carroll Av Chgo Ill
Davey Compressor Co Kent O
The DeVilbiss Company 300 Phillips Av Toledo 1 Ohio
Electric Sprayit Co Sheboygan Wis
Essick Manufacturing Co 1950 Santa Fe Av Los Angeles Cal
Excelsior Stove & Mfg Co Quincy Ill
The Filer & Stowell Co Milwaukee 7 Wis
Gardner Denver Co Quincy Ill
Jaeger Machine Co Columbus Ohio
Paasche Airbrush Co 1909 W Diversey Chgo Ill
Prescott Co Menominee Mich
Red Devil Tools Irvington 11 N J
Sharp Mfg Co 1224 Wall Los Angeles 15 Cal
Standard Dry Kiln Co P O Box 541 Indianapolis Ind
Worthington Pump & Mach Corp Harrison N J

Number in parenthesis indicates page on which advertisement appears

AIR CONDITIONING UNITS

Airtemp Inc Dayton O
American Radiator & Std Sanitary Corp 40 W 40th NY NY
The C O Bartlett & Snow Co 6200 Harvard Av Cleveland 5 Ohio
Carrier Corp Syracuse 1 N Y
Chrysler Corporation Airtemp Division Dayton 1 Ohio
Excelsior Stove & Mfg Co Quincy Ill
Fairbanks Morse & Co 600 S Michigan Av Chgo Ill (24)
Frigidaire Div Gen'l Motors Sales Corp Dayton O
General Electric Co Apparatus & Merch Dept Bridgeport Conn
International Heater Co Utica 2 N Y
Kelvinator Div Nash Kelvinator Corp Detroit Mich
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Modine Mfg Co Racine Wis
Norge Div Borg Warner Corp Detroit Mich
Paasche Airbrush Co 1909 W Diversey Chgo Ill
Penn Boiler & Burner Mfg Corp Box 1079 Lancaster Pa
Round Oak Co Dowagiac Mich
St Louis Blow Pipe & Heater Co St Louis Mo
Trane Co La Crosse Wis
The Waterman-Waterbury Co Minn Minn
Westinghouse Elec & Mfg Co Pittsburgh Pa
Williams Oil-O-Matic Heating Corp Bloomington Ill
Worthington Pump & Mach Corp Harrison N J

ANCHORS—building

Adams Co Dubuque Ia
W Ames & Co Jersey City N J
Chicago Expansion Bolt Co 2240 W Chicago Chgo Ill
Cincinnati Iron Fence Co Inc 4149 Spring Grove Ave Cincinnati 23 Ohio
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Duplex Hanger Co Div Consolidated Iron Steel Mfg Co Cleveland Ohio
Ideal Hanger Co 1272 E 53rd Cleveland 14 Ohio (86)
International Steel Co Evansville Ind
M & M Wire Clamp Co 983-17th Av S E Minneapolis 14 Minn
Geo L Mesker & Co Evansville Ind
Jos Oat & Sons Phila Pa
Paine Co 2951 Carroll Av Chgo Ill
Rawlplug Co Inc 98 Lafayette NY NY
Republic Steel Corp Cleveland O
St Paul Fdry Co St Paul Minn
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
Stewart Iron Wks Co Inc Cincinnati O
A L Swett Iron Wks Medina N Y
Union Steel Prod Co Albion Mich
Wilcox Crittenden & Co Inc Middletown Conn

ANCHORS—concrete

Bethlehem Steel Co Bethlehem Pa
Hubbard & Co 6301 Butler St Pittsburgh 1 Pa
Isaacson Iron Wks Seattle Wash
M & M Wire Clamp Co 983-17th Av S E Minneapolis 14 Minn
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Rawlplug Co Inc 98 Lafayette NY NY
Richmond Screw Anchor Co Inc 816 Liberty Av Brooklyn N Y
Jos T Ryerson & Sons Inc 2558 W 16th Chgo 8 Ill
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
Union Steel Prod Co Albion Mich

ANCHORS—guy

A B Chance Co Centralia Mo
Graybar Elec Co Graybar Bldg NY NY
Hubbard & Co 6301 Butler St Pittsburgh 1 Pa
Illinois Malleable Iron Co 1801 Diversey Pkwy Chgo Ill
Iowa Malleable Iron Co Fairfield Iowa
Joslyn Mfg & Supply 20 N Wacker Chgo Ill
James R Kearney Corp St Louis Mo
Line Material Co Milwaukee Wis
Malleable Iron Fittings Co Branford Conn
W N Mathews Corp St Louis Mo
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
St Louis Malleable Casting Co St Louis Mo

ANVILS—saw setting

Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
E C Atkins & Co Indianapolis Ind
Covel Hanchett Co Big Rapids Mich
A L Swett Iron Wks Medina N Y

APRONS—carpenter

Bemis Bros Bag Co St Louis 2 Mo
Clifton Mfg Co Waco Tex
Cyclone Seeder Co Urbana Ind
C R Daniels Inc 44 West NY NY
Economy Novelty & Printing Co 225 W 39th NY NY
Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
Fulton Bag & Cotton Mills Atlanta Ga (217)
Minnesota Specialty Co Second Av N & 4th Minneapolis Minn
Standard Awning Co Hartford Conn
Troy Sunshade Co Troy O

AREA WALLS—steel

American Rolling Mill Co Middletown O
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Gabriel Steel Co Detroit Mich
Johns-Manville Corp 22 E 40th NY NY
Majestic Co Huntington Ind
Geo L Mesker & Co Evansville Ind
Penn Metal Co Inc 205 E 42nd NY 17 NY
Wheeling Corrugating Co Wheeling W Va (34)

ASH DUMPS

Adams Co Dubuque Iowa
Bennett-Ireland Norwich NY
H W Covert Co 339 E 48th NY NY
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Gabriel Steel Co Detroit Mich
Heatilator Inc Syracuse N Y (155)
Littlestown Hdw & Fdry Co Littlestown Pa
Majestic Co Huntington Ind
Geo L Mesker & Co Evansville Ind
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Superior Fireplace Co Los Angeles Cal (100)
A L Swett Iron Wks Medina N Y
Western Fdry Co Portland 1 Ore

BALANCES—knife

Covel Hanchett Co Big Rapids Mich

BALING PRESSES

American Engine & Boiler Wks Tonawanda N Y
American Mfg Co Inc 2119 Pacific Av Tacoma 2 Wash (218)
Economy Baler Co Ann Arbor Mich
Famous Mfg Co East Chicago Ind

BALUSTERS—metal

Adams Co Dubuque Iowa
Chase Brass & Copper Co Waterbury 91 Conn
Logan Co Inc Louisville 6 Ky
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Stewart Iron Wks Co Inc Cincinnati O

BALUSTERS—wood

Angel Novelty Co Fitchburg Mass
Carr Adams & Collier Co Dubuque Ia (51)
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Farley & Loetscher Mfg Co Dubuque Iowa
Fordyce-Crossett Sales Co Fordyce Ark
Huttig Sash & Door Co St Louis Mo
Washington Mfg Co Tacoma 1 Wash

BARBECUE SPITS

The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Hancock Iron Wks Pontiac 14 Mich
Majestic Co Huntington Ind
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Allen Selby Assoc 1836 Chase Av Chgo Ill

BARN EQUIPMENT—farm

Badger Corrugating Co La Crosse Wis
Bennett-Ireland Norwich NY
Berg Equip Corp Marshfield Wis
Clay Equip Corp Cedar Falls Ia
Franklin Equip Co Monticello Ia
Gardner Mfg Co Horicon Wis
Hawkeye Mfg Co Belmond Ia
H D Hudson Mfg Co 589 E Illinois Chgo Ill
James Mfg Co Ft Atkinson Wis
Klauer Mfg Co Dubuque Ia
Louden Mach Co Fairfield Ia
Mitchell Mfg Co Milw Wis
The Ney Mfg Co 948 High Av S W Canton 4 Ohio
W F Norman Sheet Mtl Co Nevada Mo
Olson Mfg Co Albert Lea Minn
Reeves Mfg Co Dover O
Sharon Hdwe Mfg Co Sharon Pa
Shrauger & Johnson Atlantic Ia
Starline Inc Harvard Ill
Jonas A Swenson Co Springfield So Dak

BATHROOM ACCESSORIES

Amerline 1753 N Honore Chgo 22 Ill
The Autoyre Co Oakville Conn
Bommer Spring Hinge Co 263 Classon Av Brooklyn 5 N Y
Columbia Metal Box Co 260 E 143rd St New York 51 N Y
Ellwood Co Ellwood City Pa
Gerity Adrian Mfg Corp Adrian Mich
Gold Seal Mfg Co 20 N Sangamon Chgo Ill
F H Lawson Co Cincinnati O
Marsh Wall Prod Inc Dover O (75)
Miami Cabinet Div Philip Carey Mfg Co Middletown O
Morton Mfg Co 5105 W Lake Chgo Ill
The Nurre Cos Inc Bloomington Ind
Chas Parker Co Meriden Conn
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
Turner & Seymour Mfg Co Torrington Conn
Youngstown Manufacturing Inc 66 S Prospect Youngstown 6 Ohio

BATTERIES—farm lighting

Buda Co Harvey Ill
Delco Appliance Div Gen'l Motor Sales Corp Rochester N Y
Fairbanks Morse & Co 600 S Michigan Av Chgo Ill (24)
Kohler Co Kohler Wis
Sullivan Mach Co Michigan City Ind
Universal Batt Co 3410 S La Salle Chgo Ill
Westinghouse Elec & Mfg Co Pittsburgh Pa

BEDS—disappearing

Evansville Metal Bed Co Evansville Ind
Los Angeles Wall Bed Co Los Angeles Cal
Murphy Door Bed Co of Chicago 701 N Wells Chgo Ill
Page Wall Bed Co Los Angeles Cal
Roll-A-Way Corp 2954 N Sheffield Av Chicago Ill
Simmons Co 383 Madison Av NY NY
Superior Sleeprite Corp 2219 S Halsted Chgo Ill

BELT LACING EQUIPMENT

Alexander Brothers 406 N 3rd Philadelphia 23 Pa
The Bristol Co Waterbury 91 Conn
Clipper Belt Lacer Co Grand Rapids 2 Mich
Flexible Steel Lacing Co 4607 Lexington Chgo Ill

BELTING—conveyor

Victor R. Clark Belting Co 605 W Washington Chgo 6 Ill

BELTING—leather

Alexander Brothers 406 N 3rd Philadelphia 23 Pa
W D Allen Mfg Co 566 W Lake Chgo Ill
Bay State Belting Co 234 Summer St Boston 10 Mass
Chicago Belting Co 121 N Green Chgo Ill.
Chicago Rawhide Mfg Co 1301 Elston Av Chgo Ill
Victor R. Clark Belting Co 605 W Washington Chgo 6 Ill
Graton & Knight Co Worcester 4 Mass
B F Gump Co 431 S Clinton Chgo Ill
Himmelein & Bailey Co Camden N J

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Edw R Ladew Co 128 Lafayette NY NY
Page Belting Co Concord N H
J E Rhoads & Son 35 N 6th Philadelphia 6 Pa
Chas A Schieren Co 30-38 Ferry NY 7 NY
Warren Belting Co Worcester Mass
I B Williams & Sons Dover N H

BELTING DRESSING & CEMENT

Alexander Brothers 406 N 3rd Philadelphia 23 Pa
Bay State Belting Co 234 Summer St Boston 10 Mass
Broadway Rubber Mfg Co 529 E Broadway Louisville 2 Ky
Victor R. Clark Belting Co 605 W Washington Chgo 6 Ill
Jos Dixon Crucible Co Jersey City 3 N J
Graton & Knight Co Worcester 4 Mass
Miller Rubber Industrial Prod Div of The B F Goodrich Co Akron Ohio
Page Belting Co Concord New Hampshire
J E Rhoads & Son 35 N 6th Philadelphia 6 Pa
Chas A Schieren Co 30-38 Ferry NY 7 NY
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
United States Rubber Co 1230 5th Av NY NY

BINS—grain

Badger Corrugating Co La Crosse Wis
W E Caldwell Co Louisville 8 Ky
Dempster Mill Mfg Co Beatrice Neb
Fordyce-Crossett Sales Co Fordyce Ark
Kalamazoo Tank & Silo Co Kalamazoo Mich

BINS—nail & bolt

All-Steel Equip Co Aurora Ill
Berger Mfg Div Republic Steel Corp Canton O
Cleveland Wire Spring Co 5250 Brookpark Road Cleveland 9 Ohio
Farwell Ozmun Kirk & Co St Paul 1 Minn
Frick-Gallagher Mfg Co Wellston O
Gen'l Fireproofing Co Youngstown O
W C Heller & Co 539 N Clark St Montpelier Ohio
Lyon Metal Prod Inc Aurora Ill
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
Pacific Wood Tank Corp San Fran Cal
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Stackbin Corp Providence R I

BITS—saw

E C Atkins & Co Indianapolis Ind
Corley Mfg Co Chattanooga 1 Tenn (188)
Ekstrom, Carlson & Coe Rockford Ill
R Hoe & Co Inc East River & 138th NY NY
Simonds Saw & Steel Co Fitchburg Mass (189)
Southern Saw Wks Atlanta Ga

BITS—auger

American Screw Co Providence R I (43)
John H Graham & Co Inc 105 Duane NY 8 NY
Independent Pneumatic Tool Co 600 Jackson Blvd Chgo Ill
Mephisto Tool Co Inc Hudson NY
Millers Falls Co Greenfield Mass
Oxford Tool Co Phil 22 Pa
The Stanley Wks New Britain Conn (87)

BLOCKS—tackle

American Steel & Wire Co Rockefeller Bldg Cleveland O (147)
Lanebro Mfg Co Poughkeepsie N Y
Maine Steel Co Inc Portland Maine
The Ney Mfg Co 948 High Av S W Canton 4 Ohio
Ridgely Trimmer Co Springfield Ohio
John A Roebling's Sons Co Trenton N J
Starline Inc Harvard Ill
Upson-Walton Co Cleveland Ohio
Western Block Co Lockport N Y

BLOWER SYSTEMS—sawmill & planing mill

American Blower Corp Detroit Mich
American Sawmill Mach Co Hackettstown N J
Buffalo Forge Co Buffalo N Y
Chase Turbine Mfg Co Orange Mass
Connecticut Blower Co P O Box 884 Hartford 1 Conn
Houston Blow Pipe & Sht Mtl Wks Houston Tex (28)
Jacksonville Blow Pipe Jacksonville Fla
Kirk & Blum Mfg Co Cincinnati O
New York Blower Co 415 Lexington Av NY NY
St Louis Blow Pipe & Heater Co St Louis Mo
B F Sturtevant Co Hyde Park Boston 36 Mass
Western Blower Co Seattle Wash

BOARD—asbestos cement

Philip Carey Mfg Co Cincinnati 15 O (65)
Celotex Corp 120 S La Salle Chgo Ill (10)
Homasote Co Trenton N J
Johns-Manville Corp 22 E 40th NY 16 NY
Keasbey & Mattison Co Ambler Pa
The Ruberoid Co 500 Fifth Av NY 18 NY (83)

BOARDS—display & exhibit

Certain-teed Prod Corp 120 S La Salle Chgo Ill (25)
Multiplex Display Fxtre Co St Louis Mo
Nat'l Gypsum Co Buffalo NY (69)
Newman Bros Inc 660 W 4th Cincinnati 3 Ohio
Plastergon Wallboard Co 196 Philadelphia Av Buffalo 7 NY
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
U S Plywood Corp 55 W 44th NY NY (36)
Upson Co Lockport N Y (124)

BOARDS—ironing

Carr Adams & Collier Co Dubuque Ia (51)
Chicago Curtain Stretcher Co 3725 S May Chgo Ill
J R Clark Co Minneapolis 5 Minn
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Curtis Companies Clinton Ia (27)
Farley & Loetscher Mfg Co Dubuque Iowa
Huttig Sash & Door Co St Louis Mo
Ideal Co Box 889 Waco Tex
Morgan Company Oshkosh Wis
Natl Washboard Co 310 S Michigan Av Chgo Ill
Rich Ladder & Mfg Co 1000 Depot St Cincinnati O
Zoss Ladder & Mfg Co Portland 1 Ore

BOARDS—sign

Certain-teed Prod Corp 120 S La Salle Chgo Ill (25)
Fordyce-Crossett Sales Co Fordyce Ark
Newman Bros Inc 660 W 4th Cincinnati 3 Ohio
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
U S Plywood Corp 616 W 46th NY NY (36)
The Upson Co Lockport N Y (124)

BOILERS—steam & hot water

The Babcock & Wilcox Co 85 Liberty St New York 6 NY
Bastian-Morley Co Inc La Porte Ind
Brownell Co Dayton 1 O
Combustion Eng Corp 200 Madison Av NY NY
Edge Moor Iron Co Edge Moor Del
Erie City Iron Wks Erie Pa
A B Farquhar Co York Pa
Frick Co Waynesboro Pa (199)
Harvey Whipple Inc Springfield Mass
Hedges - Walsh - Weidner Co Chattanooga Tenn
International Heater Co Utica 2 N Y
Lookout Boiler & Mfg Co Chattanooga Tenn
National Radiator Co 221 Central Av Johnstown Pa
Penn Boiler & Burner Mfg Corp Box 1079 Lancaster Pa
Richmond Radiator Co 835 Fifth Av NY 17 NY
Williams Oil-O-Matic Heating Corp Bloomington Ill
Gar Wood Industries Inc Detroit Mich

BOLTS—carriage

Bethlehem Steel Co Bethlehem Pa
Central Screw Co 3501 S Shields Av Chgo Ill
Elco Tool & Screw Corp 1818 Broadway Rockford Ill
Hubbard & Co 6301 Butler St Pittsburgh 1 Pa
Igoe Bros Inc 73 Metropolitan Av Brooklyn 11 N Y
Joslyn Mfg & Supply Co 20 N Wacker Dr Chgo Ill
Lewis Bolt & Nut Co Minneapolis 14 Minn
Manufacturers Screw Prod 222 W Hubbard Chgo 10 Ill
National Lock Co Rockford Ill (102)
Pheoll Mfg Co 5700 W Roosevelt Rd Chgo Ill
Republic Steel Corp Cleveland O
Rockford Bolt & Steel Co 126 Mill Rockford Ill
Russell Burdsall & Ward Bolt & Nut Co Port Chester NY
Jos T Ryerson & Sons Inc 2558 W 16th Chgo Ill
St Louis Screw & Bolt Co St Louis Mo

BOLTS—chain

P & F Corbin New Britain Conn
Fiwale Equipment Mfg Co 165 Churcn NY 7 NY
Frantz Mfg Co Sterling Ill (74)
Griffin Mfg Co Erie Pa
Lockwood Hdw Mfg Co Fitchburg Mass
McKinney Mfg Co Pittsburgh Pa
Nat'l Brass Co Grand Rapids Mich
Nat'l Mfg Co Sterling Ill
Norwalk Lock Co 395 Broadway NY 13 NY
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Penn Hdw Co Reading Pa
Reading Hdw Corp Reading Pa
Richards-Wilcox Mfg Co Aurora Ill
Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdw Co Lancaster Pa
Sargent & Co New Haven Conn
Segal Lock & Hdwe Co Inc 395 Broadway NY 13 NY
Sharon Hdwe Mfg Co Sharon Pa
The Stanley Wks New Britain Conn (87)
Starline Inc Harvard Ill
Yale & Towne Mfg Co Stamford Conn

BOLTS—concrete

Frantz Mfg Co Sterling Ill (74)

BOLTS—door & window

Casement Hdw Co 406 N Wood Chgo Ill
Champion Hdw Co Geneva O
P & F Corbin New Britain Conn
Frantz Mfg Co Sterling Ill (74)
Griffin Mfg Co Erie Pa
Lawrence Bros Sterling Ill
Lockwood Hdw Mfg Co Fitchburg Mass
Nat'l Brass Co Grand Rapids Mich
Nat'l Mfg Co Sterling Ill
Norwalk Lock Co 395 Broadway NY 13 NY
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Penn Hdw Co Reading Pa
Phenix Mfg Co Milwaukee Wis
Reading Hdw Corp Reading Pa
Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdw Co Lancaster Pa
Sargent & Co New Haven Conn
Segal Lock & Hdwe Co Inc 395 Broadway NY 13 NY
Sharon Hdwe Mfg Co Sharon Pa
The Stanley Wks New Britain Conn (87)
Yale & Towne Mfg Co Stamford Conn

BOLTS—expansion

Chicago Expansion Bolt Co 2240 W Ogden Av Chgo Ill
Hubbard & Co 6301 Butler St Pittsburgh 1 Pa
National Lead Co 111 Broadway NY NY
Paine Co 2951 Carroll Av Chgo Ill
Rawlplug Co Inc 98 Lafayette NY NY
Jos T Ryerson & Son Inc 2558 W 16th Chgo Ill
Star Expansion Bolt Co 147 Cedar NY NY
United Screw & Bolt Corp Cleveland O

BOLTS—foot

Frantz Mfg Co Sterling Ill (74)

BOLTS—garage door

Allith-Prouty Danville Ill
Champion Hdw Co Geneva O
P & F Corbin New Britain Conn
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
Griffin Mfg Co Erie Pa
Lawrence Bros Sterling Ill
Lockwood Hdw Mfg Co Fitchburg Mass
McKinney Mfg Co Pittsburgh Pa
Nat'l Mfg Co Sterling Ill

Number in parenthesis indicates page on which advertisement appears

Nat'l Screw & Mfg Co Cleveland O
Phenix Mfg Co Milwaukee Wis
Reading Hdw Corp Reading Pa
Richards-Wilcox Mfg Co Aurora Ill
Sargent & Co New Haven Conn
Sharon Hdwe Mfg Co Sharon Pa
The Stanley Wks New Britain Conn (87)
Starline Inc Harvard Ill
Yale & Towne Mfg Co Stamford Conn

BOLTS—machine

Bethlehem Steel Co Bethlehem Pa
Central Screw Co 3501 S Shields Av Chgo Ill
Clark Bros Bolt Co Milldale Conn
Wm H Haskell Mfg Co Pawtucket R I
Hubbard & Co 6301 Butler St Pittsburgh 1 Pa
Joslyn Mfg & Supply Co 20 N Wacker Dr Chgo Ill
Lewis Bolt & Nut Co Minneapolis 14 Minn
Manufacturers Screw Prod 222 W Hubbard Chgo 10 Ill
Nat'l Screw & Mfg Co Cleveland O
Paine Co 2951 Carroll Av Chgo 12 Ill
Pheoll Mfg Co 5700 W Roosevelt Rd Chgo Ill
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Rockford Bolt & Steel Co 126 Mill Rockford Ill
Russell Burdsall & Ward Bolt & Nut Co Port Chester NY
Jos T Ryerson & Son Inc 2558 W 16th Chgo Ill
St Louis Screw & Bolt Co St Louis Mo

BOLTS—stove

American Screw Co Providence R I (43)
Blake & Johnson Waterville Conn
Central Screw Co 3501 S Shields Chgo Ill
Clark Bros Bolt Co Milldale Conn
Continental Screw Co New Bedford Mass
The Eagle Lock Company Terryville Conn
Elco Tool & Screw Corp 1818 Broadway Rockford Ill
Excelsior Stove & Mfg Co Quincy Ill
Joslyn Mfg & Supply Co 20 N Wacker Dr Chgo Ill
Manufacturers Screw Prod 222 W Hubbard Chgo 10 Ill
Nat'l Lock Co Rockford Ill (102)
Nat'l Screw & Mfg Co Cleveland O
Paine Co 2951 Carroll Av Chgo 12 Ill
Pheoll Mfg Co 5700 W Roosevelt Chgo Ill
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Rockford Screw Prod Co Rockford Ill
Russell Burdsall & Ward Bolt & Nut Co Port Chester NY
St Louis Screw & Bolt Co St Louis Mo
Sterling Bolt Co 209 W Jackson Blvd Chgo Ill
United Screw & Bolt Corp 2513 Cullerton Av Chgo Ill

BOLTS—toggle

Chicago Expansion Bolt Co 2240 W Ogden Av Chgo Ill
Hubbard & Co 6301 Butler St Pittsburgh 1 Pa
Paine Co 2951 Carroll Av Chgo Ill
Star Expansion Bolt Co 147 Cedar NY NY
U S Expansion Bolt Co York Pa

BOOKS—tally

Frank R Buck & Co 2133 Touhy Av Chgo Ill (218)

BOOTHS—spray

Binks Mfg Co 3114 Carroll Av Chgo Ill
Connecticut Blower Co P O Box 884 Hartford 1 Conn
Detroit Sheet Metal Wks Detroit Mich
The DeVilbiss Company 300 Phillips Av Toledo 1 Ohio
Houston Blow Pipe & Sht Met Wks Houston Tex (28)

BOXES—mitre

Millers Falls Co Greenfield Mass
The Stanley Wks New Britain Conn (87)
Western Foundry Co Portland Ore
Youngstown Manufacturing Inc 66 S Prospect Youngstown 6 Ohio

BOXES—mortar mixing

Adams Co Dubuque Ia
Cleveland Wire Spring Co 5250 Brookpark Road Cleveland 9 Ohio
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Heltzel Steel Form & Iron Co Warren O
Majestic Co Huntington Ind
Metal Prod Corp Weehawken N J
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Newark Ladder & Bracket Sales Co Inc 657 S 13th Newark 3 NJ
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
A L Swett Iron Wks Medina N Y
White Pine Sash Co Spokane 7 Wash

BRACES—garage door

Champion Hdw Co Geneva O
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Lawrence Bros Sterling Ill
Nat'l Mfg Co Sterling Ill
The Ney Mfg Co 948 High Av S W Canton 4 Ohio
Sharon Hdwe Mfg Co Sharon Pa
Shelby Spring Hinge Co Shelby O
The Stanley Wks New Britain Conn (87)

BRACKETS—roof

Adams Co Dubuque Ia
A W Flint Co New Haven Conn
Newark Ladder & Bracket Sales Co Inc 657 S 13th Newark 3 NJ
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
The Stanley Wks New Britain Conn (87)
Wagner Mfg Co Cedar Falls Iowa

BRACKETS—shelf

American Cabinet Hdw Corp Rockford Ill (53)
Champion Hdw Co Geneva O
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
Griffin Mfg Co Erie Pa
W C Heller & Co 539 N Clark St Montpelier Ohio
Knape & Vogt Mfg Co Grand Rapids Mich
Lawrence Bros Sterling Ill
McKinney Mfg Co Pittsburgh Pa
Nat'l Brass Co Grand Rapids Mich
Nat'l Lock Co Rockford Ill (102)
Nat'l Mfg Co Sterling Ill
Penn Hdw Co Reading Pa
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdw Co Lancaster Pa
Sharon Hdwe Mfg Co Sharon Pa
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
The Stanley Wks New Britain Conn (87)
A L Swett Iron Wks Medina NY

BRACKETS—wall

Fiwale Equipment Mfg Co 165 Church NY 7 NY
W C Heller & Co 539 N Clark St Montpelier Ohio
Newark Ladder & Bracket Sales Co Inc 657 S 13th Newark 3 NJ
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
A L Swett Iron Wks Medina NY

BRAZERS—band saw

American Saw Mill Mach Co Hackettstown N J
E C Atkins & Co Indianapolis Ind
Covel Hanchett Co Big Rapids Mich
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
Foley Mfg Co Minneapolis Minn
Prescott Co Menominee Mich
Yates American Mach Co Beloit Wis

BRICK—asphalt insulated

Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
The Ruberoid Co 500 Fifth Av NY 18 NY (83)

BRICK—common

Acme Brick Co Ft Worth Texas
Denver Sewer Pipe & Clay Co Denver 1 Colo
Illinois Brick Co 228 N La Salle Chgo Ill
Washington Brick & Lime Co Spokane Wash

BRICK—face

Acme Brick Co Ft Worth Texas
S R Dee Bloomingdale Ind
Denver Sewer Pipe & Clay Co Denver 1 Colo
W E Dunn Mfg Co Holland Mich
Washington Brick & Lime Co Spokane Wash

BRICK—fire

Acme Brick Co Ft Worth Texas
Cannelton Sewer Pipe Co Inc Cannelton Ind
Carborundum Co Niagara Falls NY
Chicago Fire Brick Co 1467 Elston Av Chgo Ill
Columbia Pipe Co Columbia S C
S R Dee Bloomingdale Ind
Denver Fire Clay Co Denver Colo
Denver Sewer Pipe & Clay Co Denver 1 Colo
General Refractories Co Real Estate Trust Bldg Phil 7 Pa
Harbison Walker Refractories Co Farmers Bank Bldg Pittsburgh Pa
Johns-Manville Corp 22 E 40th NY 16 NY
Mexico Refractories Co Mexico Mo
North American Refractories Co Cleveland 14 O
Owensboro Sewer Pipe Co Inc Owensboro Ky
Plibrico Jointless Firebrick Co 1800 N Kingsbury Chgo 14 Ill
Robinson Clay Prod Co Akron Ohio
Washington Brick & Lime Co Spokane Wash

BRICK—glazed

Acme Brick Co Ft Worth Texas
Denver Sewer Pipe & Clay Co Denver 1 Colo

BRICKS—rubbing

Abrasive Co Phil 37 Pa

BRIDGING—steel

Isaacson Iron Wks Seattle Wash
Lanebro Mfg Co Poughkeepsie N Y
Republic Steel Corp Berger Mfg Div Canton 5 Ohio

BRUSHES—household

Illinois Duster & Brush Co 1926 Webster Ave Chgo Ill

BRUSHES—industrial

Illinois Duster & Brush Co 1926 Webster Ave Chgo Ill

BRUSHES—paint & varnish

Baker Brush Co Inc 83 Grand St NY NY
A Burdsal Co Indianapolis Ind
Devoe & Raynolds Co Inc Brush Div Princeton Ind (44-45)
Osborn Mfg Co Cleveland Ohio
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
Wooster Brush Co Wooster Ohio

BUILDINGS—prefabricated

The Green Lumber Co Laurel Miss
Houston Blow Pipe & Sheet Mtl Wks Houston Tex (28)
Houston Ready-Cut House Co Houston 1 Tex (42)
Geo L Mesker & Co Evansville Ind
Southern Mill & Mfg Co Tulsa Okla
Strand Bldg Prod Co 2626 Buhl Bldg Detroit Mich
Texas Pre-Fabricated House & Tent Co Dallas Tex
Unit Structures Inc Peshtigo Wis

BULL DOZERS

American Tractor Eqpt Corp Oakland Cal
Isaacson Iron Wks Seattle Wash
LaPlant-Choate Mfg Co Inc Cedar Rapids Iowa
R G LeTourneau Inc Peoria Ill
The Oliver Corp Industrial Div 19300 Euclid Av Cleveland 17 Ohio

Number in parenthesis indicates page on which advertisement appears

BURGLAR ALARMS

J H Bunnell & Co 215 Fulton NY NY
Edwards & Co Inc Norwalk Conn
Federal Elec Co 8706 S State Chgo Ill
Genl Burglar Alarm Co Inc 365 E 146th NY NY
Guardian Elec Mfg Co 1400 W Washington Chgo Ill

BURNERS—gas

Barber Gas Burner Co Cleveland O
Century Specialty Co Johnstown Pa
National Radiator Co 221 Central Av Johnstown Pa
Norge Heating & Conditioning Div Borg Warner Corp Detroit Mich

BURNERS—gasoline pressure

American Gas Mach Co Inc Albert Lea Minn
Coleman Lamp & Stove Co Wichita 1 Kan

BURNERS—oil

American Radiator & Std Sanitary Corp 40 W 40th NY NY
Automatic Burner Corp 1823 W Carroll Chgo 12 Ill
The Babcock & Wilcox Co 85 Liberty St New York 6 NY
Century Eng Corp Cedar Rapids Iowa
Chalmers Oil Burner Co Minneapolis Minn
Cleveland Steel Prod Corp Cleveland O
Electrol Inc Clifton N J
Enterprise Oil Burner Co San Francisco Cal
Excelsior Stove & Mfg Co Quincy Ill
Fluid Heat Inc Baltimore Md
Franklin Oil Heating Inc Columbus O
Gen'l Elec Co Bloomfield N J
Gilbert & Barker Mfg Co Springfield Mass
Hart Oil Burner Co Peoria Ill
H C Little Burner Co Inc 2nd & Lincoln San Rafael Cal
MacLeod Co Cincinnati O
Malleable Iron Fittings Co Branford Conn
May Oil Burner Corp Baltimore Md
Nat'l Airoil Burner Co Phil Pa
National Radiator Co 221 Central Av Johnstown Pa
Penn Boiler & Burner Mfg Corp Box 1079 Lancaster Pa
Petroleum Heat & Power Co Stamford Conn
Round Oak Co Dowagiac Mich
Silent Automatic Corp Detroit Mich
Silent Glow Oil Burner Corp Hartford Conn
Silent Sioux Oil Burner Corp Orange City Iowa
Simplex Oil Heating Corp 11 Park Pl NY 7 NY
Timken Silent Automatic Div The Timken Detroit Axle Co Detroit 32 Mich
Harvey Whipple Inc Springfield Mass
Williams Oil-O-Matic Heating Corp Bloomington Ill
York-Shipley Inc York Pa

BURNERS—sawdust

Houston Blow Pipe & Sheet Mtl Wks Houston Tex (28)
Western Fdry Co Portland 1 Ore

CABINETS—bathroom, metal

Acme Metal Prod Corp 1845 W 74 Chgo 36 Ill
Philip Carey Mfg Co Cincinnati 15 O (65)
Columbia Metal Box Co 260 E 143rd St New York 51 N Y
Ellwood Co Ellwood City Pa
Excel Metal Cabinet Co Jamestown N Y
Faries Mfg Co Decatur 70 Ill
Gold Seal Mfg Co 20 N Sangamon Chgo Ill
Harrison Steel Cabinet Co 4718 W 5th Chgo Ill
Houston Blow Pipe & Sheet Mtl Wks Houston Tex (28)
Huttig Sash & Door Co St Louis Mo
F H Lawson Co Cincinnati O
Majestic Co Huntington Ind
Miami Cabinet Div Philip Carey Co Middletown O
The Nurre Cos Inc Bloomington Ind
Chas Parker Co Meriden Conn
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga

CABINETS—bathroom, wood

Angel Novelty Co Fitchburg Mass
Carr Adams & Collier Co Dubuque Ia (51)
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Curtis Companies Inc Clinton Ia (27)
Ellwood Co Ellwood City Pa
Faries Mfg Co Decatur 70 Ill
Huttig Sash & Door Co St Louis Mo
Farley & Loetscher Mfg Co Dubuque Ia
W C Heller & Co 539 N Clark St Montpelier Ohio
Huttig Mfg Co Muscatine Ia
Ideal Co Box 889 Waco Tex
F H Lawson Co Cincinnati O
Marquart Millwork Co Oshkosh Wis
Miami Cabinet Div Philip Carey Co Middletown O
Morgan Company Oshkosh Wis
Pacific Mutual Door Co Tacoma Wash (206)
Roach & Musser Co Muscatine Ia (74)
Rock Island Sash & Door Wks Rock Island Ill

CABINETS—display

American Plywood Corp New London Wis (213)
Aurora Equipment Co Aurora Ill
Colonial Sales Corp 928 Broadway NY NY
W C Heller & Co 539 N Clark St Montpelier Ohio
Lyon Metal Prod Inc Aurora Ill
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
Republic Steel Corp Berger Mfg Div Canton 5 Ohio

CABINETS—fire equipment

Excel Metal Cabinet Co Jamestown N Y
Safety Fire Extinguisher Co 293 7th NY NY
Wirt & Knox Mfg Co Phil Pa

CABINETS—general household

Acme Metal Prod Corp 1845 W 74 Chgo 36 Ill
Carr Adams & Collier Co Dubuque Ia (51)
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Coppes Inc Nappanee Ind
Curtis Cos Inc Clinton Ia (27)
Edison Genl Elec Appliance Co Inc 5600 W Taylor Chgo Ill
Ellwood Co Ellwood City Pa
Excel Metal Cabinet Co Inc Jamestown N Y
Farley & Loetscher Mfg Co Dubuque Ia
Gabriel Steel Co Detroit Mich
Gold Seal Mfg Co 20 N Sangamon Chgo Ill
Gregg & Son Nashua N H (117)
Hoosier Mfg Co New Castle Ind
Huttig Mfg Co Muscatine Ia (108-109)
Ideal Co Box 889 Waco Tex
Kitchen Maid Corp Andrews Ind
Lyon Metal Prod Inc Aurora Ill
Morgan Co Oshkosh Wis
Mutschler Bros Co Nappanee Ind
Pacific Mutual Door Co Tacoma Wash (206)
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Roach & Musser Co Muscatine Ia (74)
Rock Island Sash & Door Wks Rock Island Ill
St Charles Mfg Co St Charles Ill
Segelke & Kohlhaus Co La Crosse Wis
G I Sellers & Sons Co Elwood Ind
Youngstown Pressed Steel Div Mullins Mfg Corp Warren O

CABINETS—kitchen, metal

Acme Metal Prod Corp 1845 W 74 Chgo 36 Ill
Edison Genl Elec Appliance Co Inc 5600 W Taylor Chgo Ill
Ellwood Co Ellwood City Pa
Excel Metal Cabinet Co Jamestown N Y
Genl Elec Co Bridgeport Conn
Gold Seal Mfg Co 20 N Sangamon Chgo Ill
Harrison Steel Cabinet Co 4718 W 5th Chgo Ill
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
St Charles Mfg Co St Charles Ill
Youngstown Pressed Steel Div Mullins Mfg Co Warren O

CABINETS—kitchen, wood

Angel Novelty Co Fitchburg Mass
Carr Adams & Collier Co Dubuque Ia (51)
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Coppes Inc Nappanee Ind
Curtis Companies Inc Clinton Ia (27)
Ellwood Co Ellwood City Pa
Farley & Loetscher Mfg Co Dubuque Ia
Gregg & Son Nashua N H (117)
Huttig Mfg Co Muscatine Ia (108-109)
Huttig Sash & Door Co St Louis Mo
Ideal Co Box 889 Waco Tex
Kemper Kitchen Cabinet Div Mengel Co Louisville Ky
Kitchen Maid Corp Andrews Ind
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
Marquart Millwork Co Oshkosh Wis
The Mengel Co Inc Louisville Ky (36)
Morgan Co Oshkosh Wis
Mutschler Bros Co Nappanee Ind
Pacific Mutual Door Co Tacoma Wash (206)
Roach & Musser Co Muscatine Ia (74)
Rock Island Sash & Door Wks Rock Island Ill
G I Sellers & Sons Co Elwood Ind
Frank C Snedaker & Co Inc Phil Pa

CABLE—insulated

American Steel & Wire Co Cleveland O (147)
Columbia Steel Co Russ Bldg San Fran 6 Cal (147)
General Electric Co Schenectady N Y
The Okonite Co Hazard Insulated Wire Wks Div Wilkes Barre Pa
John A Roebling's Sons Co Trenton 2 N J
Simplex Wire & Cable Co 79 Sidney Cambridge 39 Mass

CALCIMINE

Acme White Lead & Color Wks 8250 St Aubin Av Detroit 11 Mich
Adams & Elting Co 1833 S Normal Chgo Ill
Alabastine Paint Prod Grand Rapids Mich
Bradley & Vrooman Co 2629 S Dearborn Chgo Ill
Devoe & Raynolds Co Inc 787 1st Av NY NY (44-45)
E I DuPont de Nemours & Co Inc Wilmington Del
Ewing M Fox Co 240 E 136 NY NY
Glidden Co Cleveland O (12-13)
Jewel Paint & Varnish Co 345 N Western Av Chgo Ill
John Lucas & Co Phil Pa
Benjamin Moore & Co 511 Canal NY NY
Muralo Co Inc 566 Richmond Terrace Staten Isl N Y
Natl Gypsum Co Inc Buffalo N Y (69)
Ohio Hydrate & Supply Co Woodville O
Pittsburgh Plate Glass Co Pittsburgh Pa (204)
The Reardon Company St Louis 6 Mo
Reliable Paste Co 3560 Shields Chgo Ill
Sterling Paint & Varnish Co Malden Mass
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
U S Gypsum Co 300 W Adams Chgo Ill (59)
U S Kalsomine Co 50 Church NY NY
Wadsworth Howland & Co 141 Federal Boston Mass
Wesco Waterpaints Inc Berkeley Cal

CALCIUM CHLORIDE

American Cyanamid & Chem 30 Rockefeller Plaza NY NY
Columbia Alkali Corp Barberton O
Columbia Chem Div Pittsburgh Plate Glass Co 30 Rockefeller Plaza NY NY
Geo W Diener Mfg Co 400 N Monticello Av Chgo Ill
The Dow Chemical Co Midland Mich (89)
Michigan Alkali Co Wyandotte Mich
Solvay Sales Corp 40 Rector NY NY
Tamms-Silica Co 228 N La Salle Chgo 1 Ill

CANVAS

Geo B Carpenter & Co 440 N Wells Chgo Ill
C R Daniels Inc 44 West NY NY
Fulton Bag & Cotton Mills Co Atlanta Ga (217)
R A Humphreys Sons Inc Phil Pa
Newark Ladder & Bracket Sales Co Inc 657 S 13th Newark 3 NJ
Bemis Bro Bag Co St Louis 2 Mo
Wellington Sears Co 65 Worth NY NY

Number in parenthesis indicates page on which advertisement appears

CANVAS—washable, wall
Columbus Coated Fabrics Corp 7th & Grant Avs Columbus 16 Ohio

CAPS—advertising
Economy Novelty & Printing Co 225 W 39 NY NY
Kemper Thomas Co Cincinnati O
Marso & Rodenborn Mfg Co Ft Dodge Ia
Minnesota Specialty Co Second Av N & 4th Minneapolis Minn
New York Adv Cap Co Inc 396 Broadway NY NY
Bemis Bro Bag Co St Louis 2 Mo

CAR DOOR OPENER
Mining Safety Device Co Bowerston O (110)

CARRIAGES—sawmill
Allis Chalmers Mfg Co Milwaukee Wis
American Sawmill Mach Co Hackettstown N J
Corinth Machinery Co Corinth Miss (195)
Corley Mfg Co Chattanooga 1 Tenn (188)
Enterprise Co Columbiana O (202)
The Filer & Stowell Co Milwaukee 7 Wis
Prescott Co Menominee Mich
Yates American Mach Co Beloit Wis

CARS—lumber transfer
Allis Chalmers Mfg Co Milwaukee Wis
American Mfg Co Inc 2119 Pacific Av Tacoma 2 Wash (218)
Corinth Machinery Co Corinth Miss (195)
Grand Rapids Vapor Kiln Inc Grand Rapids 2 Mich
Leitelt Iron Wks Erie Av Grand Rapids 2 Mich (212)
Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)

CARTS—fire hose
American-La France-Foamite Corp Elmira N Y
Safety Fire Extinguisher Co 293 7th NY NY
Wirt & Knox Mfg Co Phil Pa

CATCHES
American Cabinet Hdw Corp Rockford Ill (53)
Casement Hdw Co 406 N Wood Chgo Ill
Champion Hdw Co Geneva O
P & F Corbin Co New Britain Conn
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
Knape & Vogt Mfg Co Grand Rapids Mich
Lawrence Bros Sterling Ill
Lockwood Hdw Mfg Co Fitchburg Mass
Nat'l Brass Co Grand Rapids Mich
Nat'l Lock Co Rockford Ill (102)
Nat'l Mfg Co Sterling Ill
Penn Hdw Co Reading Pa
Reading Hdw Corp Reading Pa
Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdw Co Lancaster Pa
Sargent & Co New Haven Conn
The Stanley Wks New Britain Conn (87)
Yale & Towne Mfg Co Stamford Conn

CAULKING COMPOUND
Acme White Lead & Color Wks 8250 St Aubin Av Detroit 11 Mich
American Asphalt Roof Corp Kan Cty Mo
American Marietta Co 43 E Ohio Chgo 11 Ill
Anti Hydro Waterproofing Co Newark 8 N J
Armstrong Co 4065 S La Salle Chgo 9 Ill (96)
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Baker Paint & Varnish Co Jersey City N J
The Biddle Co St Louis 2 Mo
Black Swan Mfg Co 2235 W Grand Av Chgo Ill
A Burdsal Co Indianapolis Ind
Calbar Paint & Varnish Co 2612 N Martha Phil 25 Pa
Philip Carey Co Cincinnati 15 O (65)
Ceresit Waterproofing Corp 512 S Canal Chgo Ill
Colorado Paint Co 3551 Blake Denver 5 Colo
W J Dennis & Co 1732 N Kolmar Chgo Ill
Diamond Metal Weather Strip Co Columbus O
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
The Eagle-Picher Sales Co American Bldg Cincinnati 1 O
Felton Sibley & Co Inc 136 N 4th Philadelphia 6 Pa
Flintkote Co 30 Rockefeller Plaza NY NY (73)
Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
Fort Pitt Chem Co Pittsburgh 22 Pa
Harrop Chemical Co 135 Hoboken Av Jersey City 2 N J
Hetson Sommers Co Inc 338 E 40 Bklyn N Y
A C Horn Co 43-42 Tenth St Long Island City 1 N Y
Jones & Brown Inc Pittsburgh Pa
Lastik Prod Co Inc Pittsburgh Pa
Macklanburg-Duncan Co Oklahoma City 1 Okla (97)
Mar-Kay Mfg Co 2715 S Second St St Louis Mo
Minwax Co Inc 11 W 42 NY NY
Pecora Paint Co American & Venango Philadelphia 40 Pa
Phelan-Faust Paint Mfg Co St Louis 11 Mo
Pioneer Mfg Co Cleveland O
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
Plastic Prod Co 6475 Georgia Av Detroit 11 Mich
Presstite Engineering 3900 Chouteau Av St Louis 10 Mo
Protex Weatherstrip Mfg Co 4500 S Western Chgo Ill (11)
Sealcon Prod Inc 927 Second Av S Minneapolis 2 Minn
Sheboygan Paint Co Inc Sheboygan Wis
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
Tremco Mfg Co Cleveland O
Tropical Paint & Oil Co Cleveland O
X Pando Corp 43-15 36th Long Island City N Y

CAULKING COMPOUND—plastic
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Black Swan Mfg Co 2235 W Grand Av Chgo Ill
A Burdsal Co Indianapolis Ind
Chemical Supply Co 225 Plymouth Bldg Cleveland 15 Ohio
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Felton Sibley & Co Inc 136 N 4th Philadelphia 6 Pa
Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
Fort Pitt Chem Co Pittsburgh 22 Pa
Harrop Chemical Co 135 Hoboken Av Jersey City 2 N J
A C Horn Co 43-42 Tenth Long Island City 1 NY
Johns-Manville Corp 22 E 40th NY 16 NY
Mar-Kay Mfg Co 2715 S Second St St Louis Mo
Minwax Co Inc 11 W 42nd NY NY
Pecora Paint Co American & Venango Philadelphia 40 Pa
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
X-Pando Corp Long Island City NY

CEMENT—asbestos
American Asphalt Roof Corp Kansas City Mo
Colorado Paint Co 3551 Blake Denver 5 Colo
Ehret Magnesia Mfg Co Inc Valley Forge Pa
Excelsior Stove & Mfg Co Quincy Ill
Glidden Co Cleveland Ohio (12-13)
Johns-Manville Corp 22 E 40th NY 16 NY
Keasbey & Mattison Co Ambler Pa
Pecora Paint Co American & Venango Philadelphia 40 Pa
The Ruberoid Co 500 Fifth Av NY 18 NY (83)
Standard Asbestos Mfg Co 822 W Lake Chgo Ill
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)

CEMENT—belt
Bay State Belting Co 234 Summer St Boston 10 Mass
Chicago Belting Co 121 N Green St Chgo Ill
Chicago Rawhide Mfg Co 1301 N Elston Av Chicago Ill
E I Du Pont de Nemours & Co Wilmington Del
Graton & Knight Worcester Mass
Miller Rubber Industrial Prod Div of The B F Goodrich Co Akron Ohio
Monsanto Chemical Co 1700 S Second St Louis 4 Mo
Page Belting Co Concord New Hampshire
So-Lo Wks Inc Loveland O

CEMENT—iron
Clark Cast Steel Cement Co Shelton Conn
Pecora Paint Co American & Venango Philadelphia 40 Pa
Rutland Fire Clay Co Rutland Vt
Smooth-On Mfg Co 568-574 Communipaw Av Jersey City 4 N J
So-Lo Wks Inc Loveland O

CEMENT—mortar
Alpha Portland Cement Co Easton Pa
Bessemer Limestone & Cement Co Youngstown 3 O
Colorado Portland Cement Co Denver Natl Bldg Denver 2 Colo
Dewey Portland Cement Co 310 Ward Pkwy Kansas City 2 Mo
Hawkeye Portland Cement Co of Iowa 802 Hubbell Bldg Des Moines Iowa
Lehigh Portland Cement Co Allentown Pa
Louisville Cement Co Inc 315 Guthrie Louisville 2 Ky
Marquette Cement Mfg Co Marquette Bldg Chgo Ill
Medusa Portland Cement Co Cleveland O
Nat'l Mortar & Supply Co Pittsburgh Pa
Presstite Engineering 3900 Chouteau Av St Louis 10 Mo
Riverton Lime & Stone Co Inc Riverton Va
Trinity Portland Cement Co Dallas Tex
Universal Atlas Cement Co 135 E 42nd NY 17 NY

CEMENT—plastic
Acme Brick Co Ft Worth Texas
American Asphalt Roof Corp Kansas City Mo
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Barrett Div Allied Chemical & Dye Corp 40 Rector NY NY
Bird & Son Inc East Walpole Mass (30-31)
Chi-Namel Paint & Varnish Co Minneapolis Minn
Henry Cowell Lime & Cement Co 2 Market San Fran 11 Cal
The Dow Chemical Co Midland Mich (89)
E I DuPont de Nemours & Co Inc Wilmington Del
Durite Plastics Inc 5000 Summerdale Av Philadelphia 24 Pa
Ehret Magnesia Mfg Co Inc Valley Forge Pa
Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
A C Horn Co 43-42 Tenth Long Island City 1 NY
Irvington Varnish & Insulator Co Irvington N J
Minnesota Linseed Oil Paint Co Minneapolis Minn
Minwax Co Inc 11 W 42nd NY NY
B F Nelson Mfg Co Minneapolis Minn
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Universal Atlas Cement Co 135 E 42nd NY 17 NY
Youngstown Manufacturing Inc 66 S Prospect Youngstown 6 Ohio

CEMENT—Portland
Alpha Portland Cement Co Easton Pa
Ashgrove Lime & Portland Cement Co Kan Cty Mo
Bessemer Limestone & Cement Co Youngstown 3 O
Calaveras Cement Co 315 Montgomery San Fran Cal
Calif Portland Cement Co Los Angeles Cal
Carney Co Mankato Minn
Colorado Portland Cement Co Denver Natl Bldg Denver 2 Colo
Consolidated Cement Corp 111 W Monroe St Chgo Ill
Henry Cowell Lime & Cement Co 2 Market San Fran 11 Cal

Number in parenthesis indicates page on which advertisement appears

Dewey Portland Cement Co 310 Ward Pkwy Kansas City 2 Mo
Edison Cement Co W Orange N J
Florida Portland Cement Co Tampa Fla
Georgia Cement & Prod Co Atlanta Ga
Hawkeye Portland Cement Co of Iowa 802 Hubbell Bldg Des Moines Iowa
Hercules Cement Corp Phil Pa
Huron Portland Cement Co 1325 Ford Bldg Detroit 26 Mich
Kosmos Portland Cement Co Louisville Ky
Lehigh Portland Cement Co Allentown Pa
Lone Star Cement Corp 342 Madison Av NY NY
Louisville Cement Co Inc 315 Guthrie Louisville 2 Ky
Pacific Portland Cement Co San Francisco 6 Cal
Southern Cement Co Birmingham 3 Ala
Trinity Portland Cement Co Dallas Tex
Universal Atlas Cement Co 135 E 42nd NY 17 NY

CEMENT—refractory

Acme Brick Co Ft Worth Texas
Armstrong Co 4065 S La Salle Chgo 9 Ill (96)
The Babcock & Wilcox Co 85 Liberty St New York 6 NY
Carborundum Co Niagara Falls N Y
Chicago Fire Brick Co 1467 Elston Av Chgo 22 Ill
Clinton Metallic Paint Co Clinton NY
Denver Fire Clay Co Denver Colo
Dewey Portland Cement Co 310 Ward Pkwy Kansas City 2 Mo
The Eagle-Picher Sales Co American Bldg Cincinnati 1 Ohio
Ehret Magnesia Mfg Co Inc Valley Forge Pa
Gen'l Refractories Co Phil Pa
Gladding-McBean & Co San Francisco Cal
A P Green Fire Brick Co Mexico Mo
Harbison Walker Refractories Co Farmers Bank Bldg Pittsburgh Pa
Johns-Manville Corp 22 E 40th NY 16 NY
Keystone Refractories Co 120 Liberty St NY 6 NY
Laclede-Christy Clay Prod Co St Louis Mo
Mexico Refractories Co Mexico Mo
North American Refractories Co Cleveland 14 O
Norton Co Worcester Mass
Pecora Paint Co Inc Phil Pa
Plibrico Jointless Firebrick Co 1800 N Kingsbury Chgo 14 Ill
Robinson Clay Prod Co Akron O
Sauereisen Cement Co Pittsburgh Pa
Seaboard Refractories Co Perth Amboy N J
So-Lo Works Inc Loveland O
Universal Zonolite Insulation Co 135 S La Salle St Chicago Ill

CEMENT—roofing

Acme White Lead & Color Wks 8250 St Aubin Av Detroit 11 Mich
Alcatraz Co Richmond Va
American Asphalt Roof Corp Kansas City Mo
American Marietta Co 43 E Ohio Chgo 11 Ill
Armstrong Co 4065 S La Salle Chgo 9 Ill (96)
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Barrett Div Allied Chemical & Dye Corp 40 Rector NY NY
Black Swan Mfg Co 2235 W Grand Av Chgo Ill
Philip Carey Mfg Co Cincinnati 15 O (65)
Carter Paint Co Liberty Ind
Central Div Co & Weatherseal Shingle Panels 221 N La Salle Chgo 1 Ill
Certain-teed Products Corp 120 S La Salle St Chgo Ill (25)
Chemical Supply Co 225 Plymouth Bldg Cleveland 15 Ohio
Chi-Namel Paint & Varnish Co Minneapolis Minn
Clinton Metallic Paint Co Clinton N Y
Coal Tar Products Co Brooklyn N Y
Colorado Paint Co 3551 Blake Denver 5 Colo
Continental Products Co Euclid O
Elliott Paint & Varnish Co 4523 W 5 Chgo Ill
Flintkote Co 30 Rockefeller Plaza NY NY (73)
Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
Fort Pitt Chem Co Pittsburgh 22 Pa
Gibson-Homans Co Cleveland O
Glidden Co Cleveland Ohio (12-13)
A C Horn Co 43-42 Tenth Long Island City 1 NY
Johns-Manville Corp 22 E 40th NY 16 NY
Jones & Brown Inc Pittsburgh Pa
Lastik Products Co Inc Pittsburgh Pa
Mar-Kay Mfg Co 2715 S Second St St Louis Mo
Minnesota Linseed Oil Paint Co Minneapolis Minn
Pecora Paint Co Inc Phil Pa
Pioneer Mfg Co Cleveland O
Presstite Engineering 3900 Chouteau Av St Louis 10 Mo
Reilly Tar & Chemical Corp Indianapolis 4 Ind
Republic Creosoting Co Indianapolis 4 Ind (196)
Republic Paint & Varnish Co 1130 S Kilbourn Chgo Ill
The Ruberoid Co 500 Fifth Av NY 18 NY (83)
Rutland Fire Clay Co Rutland Vt
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Standard Chemical Wks Inc Reading Pa
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Tremco Mfg Co Cleveland O
U S Gypsum Co 300 W Adams Chgo 6 Ill (59)
United Gilsonite Laboratories Scranton Pa
Webster Cement Co Cambridge Mass

CEMENT—rubber

Auburn Rubber Corp Auburn Ind
Broadway Rubber Mfg Co 529 E Broadway Louisville 2 Ky
Crescent Prod Co Terre Haute Ind
Durkee-Atwood Co Minneapolis Minn
Goodyear Tire & Rubber Co Akron O
Hadley Bros-Uhl Company 3952 W Pine Blvd St Louis 8 Mo
Holdfast Rubber Co Atlanta Ga
Hollingshead Co Camden N J
H B Fred Kuhls 6413 3rd Av Brklyn N Y
The Las-Stik Mfg Co B & Wayne sts Hamilton Ohio
Major Mfg Co 461 Pearl NY NY
Manhattan Rubber Mfg Div Raybestos Manhattan Inc Passaic N J
Miller Rubber Industrial Prod Div of The B F Goodrich Co Akron Ohio
Okonite Co Passaic N J
Rainbow Rubber Co Butler Pa
Ross Chem Prod Detroit Mich
St Louis Rubber Cement Co Inc St Louis Mo
Schacht Rubber Mfg Co Huntington Ind
So-Lo Wks Inc Loveland O
United States Rubber Co 1230 5th Av NY NY
Van Cleef Bros 7800 S Woodlawn Chgo Ill

CEMENT—tile

Black Swan Mfg Co 2235 W Grand Av Chgo Ill
Ferdinand & Co Boston Mass
National Casein Sales 601 W 80th Chgo 20 Ill
Pecora Paint Co American & Venango Philadelphia 40 Pa
Sauereisen Cement Co Pittsburgh Pa
So-Lo Wks Inc Loveland O
X-Pando Corp 43-15 36th Long Island City N Y

CEMENT—waterproof

Adensite Co Inc 37-19 23rd St L I City NY
Barclay Mfg Co 385 Gerard Av Bronx NY
Barrett Div Allied Chemical & Dye Corp 40 Rector NY NY
Black Swan Mfg Co 2235 W Grand Av Chgo Ill
Ceresit Waterproofing Corp 512 S Canal Chgo Ill
E I Du Pont de Nemours & Co Wilmington Del
W P Fuller & Co 301 Mission San Fran 19 Cal
A C Horn Co 43-36 Tenth Long Island N Y
Johns-Manville Corp 22 E 40th NY 16 NY
Lastik Prod Co Inc Pittsburgh Pa
Louisville Cement Co Inc 315 Guthrie Louisville 2 Ky
Lux-Visel Inc Elkhart Ind
Medusa Portland Cement Co Cleveland O
Pecora Paint Co Phil Pa
Philip Carey Mfg Co Cincinnati 15 O (65)
J E Rhoads & Son 35 N 6th Philadelphia 6 Pa
Sauereisen Cement Co Pittsburgh Pa
Smooth-On Mfg Co 568-574 Communipaw Av Jersey City 4 N J
Trinity Portland Cement Co Dallas Tex
United States Rubber Co 1230 5th Av NY NY
Van Cleef Bros 7800 S Woodlawn Chgo Ill
Vita-Var Corp Newark N J (310)
Youngstown Manufacturing Inc 66 S Prospect Youngstown 6 Ohio
X-Pando Corp 43-15 36th Long Island City N Y

CHAIN—conveyor

The C O Bartlett & Snow Co 6200 Harvard Av Cleveland 5 Ohio
The Cleveland Chain & Mfg Co Cleve- 5 Ohio
Diamond Chain & Mfg Co 450 Kentucky Av Indianapolis 7 Ind
The Filer & Stowell Co Milwaukee 7 Wis
International Chain & Mfg Co York Pa
Link-Belt Co 300 W Pershing Chicago Ill
Newhall Chain Forge & Iron Co 48 W Broadway NY NY
Northern Conveyor Co Janesville Wis
Prescott Co Menominee Mich
Richards Wilcox Mfg Co Aurora Ill
Wickwire Spencer Steel Company 500 Fifth Av NY 18 NY (58)

CHAIN—logging & loading

Amer Chain Div Amer Chain & Cable Co Inc York Pa
Bridgeport Chain & Mfg Co Bridgeport Conn
Carroll Chain Co Columbus O
The Cleveland Chain & Mfg Co Cleveland 5 Ohio
Columbus McKinnon Chain Corp Tonawanda N Y
Clinton Hobbs Co Everett Mass
Hodell Chain Co Cleveland O
Internat'l Chain & Mfg Co York Pa
Newhall Chain Forge & Iron Co 48 W Bdwy NY NY
Peerless Chain Co Winona Minn
Prescott Co Menominee Mich
Taylor Chain Co Hammond Ind
Western Chain Prods Co 1807 W Belmont Chgo Ill
White Hill Chain Wks Fieldsboro N J

CHAIN—roller

The C O Bartlett & Snow Co 6200 Harvard Av Cleveland 5 Ohio
Chain Belt Co Milwaukee Wis
Diamond Chain & Mfg Co 450 Kentucky Av Indianapolis 7 Ind
The Filer & Stowell Co Milwaukee 7 Wis
Hodell Chain Co Cleveland O
Jeffrey Mfg Co Columbus O
Link-Belt Co 300 W Pershing Chgo Ill
Morse Chain Co Ithaca N Y
Prescott Co Menominee Mich

CHAIN—sash

Amer Chain Div Amer Chain & Cable Co Inc York Pa
Bridgeport Chain & Mfg Co Bridgeport Conn
Carroll Chain Co Columbus O
The Cleveland Chain & Mfg Co Cleve- 5 Ohio
P & F Corbin New Britain Conn
Esco Chain Wks 309 E 22nd NY NY
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Clinton Hobbs Co Everett Mass
Huttig Sash & Door Co St Louis Mo
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Peerless Chain Co Winona Minn
Phoenix Hdwe Mfg Co Buffalo N Y
Protex Weatherstrip Mfg Co 4500 S Western Chgo Ill (11)
Russell Mfg Co Naugatuck Conn

CHAIN—transom

Barrows Lock Wks Div of The Yale & Towne Mfg Co No Chgo Ill
Champion Hdwe Co Geneva O
P & F Corbin New Britain Conn
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Lawrence Bros Sterling Ill
Norwalk Lock Co 395 Broadway NY 13 NY
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Sager Lock Wks of Yale & Towne Mfg Co No Chgo Ill
Yale & Towne Mfg Co Stamford Conn

Number in parenthesis indicates page on which advertisement appears

CHAINDOGS

American Chain Div of American Chain & Cable Co York Pa
The Cleveland Chain & Mfg Co Cleve-5 Ohio
Columbus McKinnon Chain Corp Tonawanda N Y
International Chain & Mfg Co York Pa

CHAIN DRIVES

Chain Belt Co Milwaukee 4 Wis
The Filer & Stowell Co Milwaukee 7 Wis
Link-Belt Co 300 W Pershing Chgo Ill
Morse Chain Co Ithaca N Y
Prescott Co Menominee Mich
Ramsey Chain Co Albany N Y

CHALK LINES

Cleveland Mill & Power Co Lawnsdale N C
B F Gladding & Co South Otselic N Y
Hoffman Lion Mills Co Inc Fall River Mass
Lees Mfg Co 257 4th Av NY NY
Raucher Mfg Co Norwich Conn
Samson Cordage Wks Boston Mass (118)
Tenn Line & Twine Co Elizabethton Tenn
Turner & Stanton Co Norwich Conn

CHAMOIS

American Sponge & Chamois Co 47 Ann St NY 7 NY
Atlantic Sponge & Chamois Corp 49 Walker NY NY
Albert Bloch & Sons Inc 36 Walker New York 13 NY
Joseph Bloch Inc 51 Cliff NY NY
Ettman Sponge Co St Louis 3 Mo
Florida Sponge & Chamois Co 42 Cliff NY NY
John H Graham & Co Inc 105 Duane NY 8 NY
Great Eastern Sponge & Chamois Co Baltimore Md
Greek Amer Sponge Co 158 N Franklin Chgo Ill
Gulf & West Indies Co 141 Water NY 5 NY
Lawrence Leather Co Peabody Mass
Louden & Hill Phil Pa
Dan Malloy Co Phil Pa
Nassau Sponge Co 124 W Kinzie St Chgo 10 Ill
Rhodes Jas H & Co 157 W Hubbard Chgo Ill
Robinson Sponge Co 1805 Atlantic Ave Brooklyn 33 N Y
Schroeder & Tremayne Inc 1711 Delmar Blvd St Louis 3 Mo

CHECKS—door

P & F Corbin New Britain Conn
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frants Mfg Co Sterling Ill (74)
Independent Lock Co Fitchburg Mass
Kant Slam Door Check Co Bloomfield Ind
Larson Chas O Co Sterling Ill
Lockwood Hdwe Mfg Co Fitchburg Mass
Newell Mfg Co Lowell Mich
Norton Door Closer Co 2900 N Western Av Chgo 18 Ill
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Reading Hdwe Corp Reading Pa
Richards-Wilcox Mfg Co Aurora Ill
Russell & Erwin Mfg Co New Britain Conn (181)
Sargent & Co New Haven Conn
Yale & Towne Mfg Co Stamford Conn

CHIMNEY TOPS

Adams Co Dubuque Ia
S R Dee Bloomingdale Ind
Dennison Sewer Pipe Co Dennison O
Dickey W S Clay Mfg Co Kan City Mo
Excelsior Stove & Mfg Co Quincy Ill
Gladding-McBean & Co San Francisco Cal
Lehigh Sewer Pipe & Tile Co Ft Dodge Ia
H C Little Burner Co Inc 2nd & Lincoln San Rafael Cal
Northwestern Terra Cotta Co 1750 W Wrightwood Chgo Ill
Owensboro Sewer Pipe Co Inc Owensboro Ky
Robinson & Son Sewer Pipe Co Uhrichsville O
Washington Brick & Lime Co Spokane Wash

CHISELS

Amer Swiss File & Tool Co Elizabeth N J
Baltimore Tool Wks Inc Baltimore Md
Billings & Spencer Co Hartford Conn
Bridgeport Hdwe Mfg Corp Bridgeport Conn
Buck Bros Millbury Mass
Champion-De Arment Tool Co Meadville Pa
Cincinnati Tool Co Cincinnati O
Cleveland Steel Tool Co Cleveland O
Cornwell Quality Tools Co Mogadore O
Crescent Tool Co Jamestown N Y
Damascus Steel Prod Corp Rockford Ill
Delaware Tool Co Wilmington Del
Duffy Mfg Co 214 W Grand Chgo Ill
Duro Metals Prods Co 2651 N Kildare Av Chgo Ill
Enderes Son & Co Inc Guttenberg Ia
Fairmont Tool & Forging Co 10611 Quincy Av Cleveland Ohio
John H Graham & Co Inc 105 Duane NY 8 NY
Greenlee Bros & Co Rockford Ill
Harrold H J Tool Co Columbiana O
Heller Bros Co Newark N J
Hubbard & Co 6301 Butler St Pittsburgh 1 Pa
Mephisto Tool Co Inc Hudson N Y
Mueller Co Decatur Ill
Original Enderes Company Guttenberg Iowa
Oxford Tool Co Phil 22 Pa
P & C Hand Forged Tool Co Portland Ore
Peck Stow & Wilcox Co Southington Conn
Plomb Tool Co Los Angeles Cal
Plumb Fayette R Inc Phila Pa
Sandvik Saw & Tool Corp 47 Warren NY NY
Sargent & Co New Haven Conn
The Stanley Wks New Britain Conn (87)
Vaughan & Bushnell Mfg Co 135 S La Salle Chgo Ill
Vulcan Tool Mfg Co Quincy Mass
Warren Tool Corp Warren O
Woodings-Verona Tool Wks Verona Pa

CLAMPS—"C"

Adjustable Clamp Co 417 N Ashland Av Chgo 22 Ill
Armstrong Bros Tool Co 317 N Francisco Av Chgo
Batavia Clamp Co Inc Batavia N Y
Billings & Spencer Co Hartford Conn
Columbian Vise & Mfg Co Cleveland O
Eberhard Mfg Co Div Eastern Malleable Iron Co Cleveland O
Grand Specialties Co 3101 W Grand Av Chgo Ill
Handy Mfg Co 2432 W Lawrence Chgo Ill
The Majestic Co Huntington Ind
Williams J H & Co Buffalo N Y

CLAMPS—carpenter steel bar

Adjustable Clamp Co 417 N Ashland Av Chgo 22 Ill
Batavia Clamp Co Inc Batavia N Y
Billings & Spencer Co Hartford Conn
Cincinnati Tool Co Cincinnati O
Despres Dowel Mfg Co Grand Rapids Mich
Eberhard Mfg Co Div Eastern Malleable Iron Co Cleveland O
Grand Specialties Co 3101 W Grand Av Chgo Ill
Handy Mfg Co 2432 W Lawrence Chgo Ill
Hartford Clamp Co E Hartford Conn
Malleable Iron Fittings Co Branford Conn
Narragansett Mach Co Providence R I
Phoenix Hdwe Mfg Co Buffalo N Y
Stearns E C & Co Syracuse N Y
Syracuse Stamping Co Inc Syracuse N Y
Taylor Jas L Mfg Co Poughkeepsie N Y

CLAMPS—concrete form

Batavia Clamp Co Batavia N Y
Cincinnati Tool Co Cincinnati O
Fischer & Hayes Rope & Steel Co 4018 W Lake Chgo
M & M Wire Clamp Co 983-17th Av S E Minneapolis 14 Minn
Richmond Screw Anchor Co Inc 816 Liberty Av Brooklyn 8 N Y
Universal Form Clamp Co Inc 1238 N Kostner Chgo Ill

CLAMPS—filing

E C Atkins & Co Indianapolis Ind
Batavia Clamp Co Inc Batavia N Y
Cincinnati Tool Co Cincinnati O
Covel Hanchett Co Big Rapids Mich
Crescent Mach Co Leetonia O
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
Grand Specialties Co 3101 W Grand Av Chgo Ill
Simonds Saw & Steel Co Fitchburg Mass (189)

CLAMPS—hand screw

Adams C F Inc Fort Worth Tex
Adjustable Clamp Co 417 N Ashland Av Chgo 22 Ill
Armstrong Bros Tool Co 317 N Francisco Av Chgo Ill
Batavia Clamp Co Inc Batavia NY
Cincinnati Tool Co Cincinnati O
Eberhard Mfg Co Div Eastern Malleable Iron Co Cleveland O
Chas E Francis Co Huntington Ind
Grand Specialties Co 3101 W Grand Av Chgo Ill
Handy Mfg Co 2432 W Lawrence Chgo
Hartford Clamp Co E Hartford Conn
Malleable Iron Fittings Co Branford Conn
Phoenix Hdwe Mfg Co Buffalo N Y
Stearns E C & Co Syracuse N Y
Woodruff Walter W & Sons Co Mt Carmel Conn

CLAY—fire

Acme Brick Co Ft Worth Tex
Cannelton Sewer Pipe Co Inc Cannelton Ind
Chicago Fire Brick Co 1461 N Elston Chgo
Columbia Pipe Co Columbia S C
S R Dee Bloomingdale Ind
Denver Fire Clay Co Denver Colo
Denver Sewer Pipe & Clay Co Denver Colo
General Refractories Co Phil Pa
Gladding-McBean & Co San Francisco Cal
Harbison Walker Refractories Co Farmers Bank Bldg Pittsburgh Pa
Laclede-Christy Clay Prods Co St Louis Mo
Lehigh Sewer Pipe & Tile Co Fort Dodge Ia
Mexico Refractories Co Mexico Mo
North American Refractories Co Cleveland 14 O
Owensboro Sewer Pipe Co Inc Owensboro Ky
Washington Brick & Lime Co Spokane 8 Wash

CLEANER—floor

E L Bruce Co Memphis Tenn (9)
Chemical Supply Co 225 Plymouth Bldg Cleveland 15 Ohio
Chi-Namel Paint & Varnish Co Minneapolis Minn
E I DuPont de Nemours & Co Inc Wilmington Del
Evercrete Corp 19 W 44th NY 18 NY
Hollingshead R M Co Camden N J
A C Horn Co 43-42 Tenth Long Island City 1 NY
Johnson S C & Sons Inc Racine Wis
J A Meinhardt & Co 2622 S Shields Av Chgo Ill
Minnesota Linseed Oil Paint Co Minneapolis Minn
Pioneer Mfg Co Cleveland Ohio
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
The Savogran Co Boston 10 Mass (19)
Solventol Chem Prods Inc Detroit 3 Mich
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
Technical Development Labs Tenafly N J
United Gilsonite Labs Scranton Pa

CLEANER—paint brush

Boyer Chem Lab Co 2706 S Wabash Av Chgo Ill
Boyle-Midway Inc 257 Cornelison Av Jersey City 2 N J
Samuel Cabot Inc 141 Milk St Boston 9 Mass (98)
Consumers Glue Co St Louis Mo
Glidden Co Cleveland Ohio (12-13)
W W Lawrence & Co 1124 W Carson Pittsburgh 19 Pa
J A Meinhardt & Co 2622 S Shields Av Chgo Ill
Patent Cereals Co Geneva NY
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
Premier Chem Co Cleveland O

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The Savogran Co Boston 10 Mass (19)
Schalk Chemical Co Los Angeles 12 Cal
Sheffield Bronze Powder & Stencil Co Cleveland O
So-Lo Wks Inc Loveland O
Technical Development Labs Tenafly N J
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
United Gilsonite Labs Scranton Pa
Wooster Brush Co Wooster O

CLEANER—wall paper

Absorene Mfg Co St Louis Mo
Cleveland Clnr & Paste Co Cleveland O
Climax Industries Inc Cleveland O
Commercial Paste Co Columbus 8 O
Crescent Prods Co Terre Haute Ind
Imperial Paper & Color Corp Glens Falls NY
Kutol Prods Co Cincinnati O
J A Meinhardt & Co 2622 S Shields Av Chgo Ill
Omar Prods Co Columbus O
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
Sponge Rubber Prods Co Derby Conn

CLEANER—window

American Prods Co Cincinnati O
Boyle-Midway Inc 257 Cornelison Av Jersey City 2 N J
Drackett Co Cincinnati O
J A Meinhardt & Co 2622 S Shields Av Chgo Ill
O-Cedar Corp 2246 W 49th Chgo 9 Ill
Socony-Vacuum Oil Co Inc 26 Bdwy NY NY
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Technical Development Labs Tenafly N J

CLIPS—concrete

M D Hubbard Spring Co Pontiac Mich
E H Titchener & Co Binghamton N Y
Union Steel Prod Co Albion Mich
Universal Form Clamp Co 972 W Montana Chgo Ill

CLIPS—floor

Bethlehem Steel Co Bethlehem Pa
Jeschke Wire & Spec Co Crawfordsville Ind
Knapp Bros Mfg Co 38 S Dearborn Chgo Ill
Merwin Mfg Co Erie Pa
V-W Co Columbus O
Williams Wallace Co San Francisco Cal

CLIPS—glazing for steel sash

Adams Co Dubuque Ia
Detroit Steel Prod Co Detroit Mich
Eastern Tool & Mfg Co Bloomfield N J
L F Grammes & Sons Inc Allentown Pa
M D Hubbard Spring Co Pontiac Mich
Jeschke Wire & Spec Co Crawfordsville Ind
The Majestic Co Huntington Ind
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Parker Wire Goods Co Worcester Mass
Truscon Steel Co Youngstown O
L A Young Spring & Wire Corp Detroit Mich

CLOTH—hardware

American Wire Fabrics Corp 500 Fifth Av NY NY (58)
Clinton Wire Cloth Co Clinton Iowa
Cyclone Fence Div American Steel & Wire Co P O Box 260 Waukegan 1 Ill
Gilbert & Bennett Mfg Co Georgetown Conn
Northwestern Steel & Wire Co Sterling Ill
Reynolds Wire Co Dixon Ill (95)
Seneca Wire & Mfg Co Fostoria O (218)
Wickwire Bros Inc Cortland N Y (20)
Wickwire Spencer Steel Co 500 Fifth Av NY 18 NY (58)

CLOTHESLINE—braided fabric

American Mfg Co Brooklyn N Y
Anniston Cordage Co Anniston Ala
Hoffman Lion Mills Co Inc Fall River Mass
Plymouth Cordage Co No Plymouth Mass
Puritan Cordage Mills Louisville Ky
Samson Cordage Wks Boston Mass (118)
Southern Mills Corp Oxford Ala
Tubbs Cordage Co San Francisco Cal
Upson-Walton Co Cleveland O

CLOTHESLINE—wire

American Wire Fabrics Corp 500 Fifth Av NY NY (58)
Colo Fuel & Iron Corp Denver Colo
Copperweld Steel Co Glassport Pa
Indiana Steel & Wire Co Muncie Ind
Wheeling Corrugating Co Wheeling W Va (34)
Wickwire Bros Inc Cortland NY (20)
Wickwire Spencer Steel Co 500 Fifth Av NY 18 NY (58)
Wright Steel & Wire Corp Worcester Mass

COAL CHUTES

Adams Co Dubuque Ia
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Excelsior Stove & Mfg Co Quincy Ill
Farwell Ozmun Kirk & Co St Paul 1 Minn
Gabriel Steel Co Detroit 12 Mich
Houston Blow Pipe & Sheet Mtl Wks Houston Tex (28)
La Crosse Steel Rfg & Corr Co La Crosse Wis
Majestic Co Huntington Ind
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Stewart Iron Wks Co Inc Cincinnati O

COLLECTION SERVICE

Lumbermens Credit Assn Inc 608 S Dearborn St Chicago 5 Ill (197)

COLORS—masonry

American Fluresit Co Cincinnati 29 O
Blue Ridge Talc Co Inc Henry Va
Samuel Cabot Inc 141 Milk St Boston 9 Mass (98)
Ceresit Waterproofing Corp 512 S Canal Chgo Ill
Clinton Metallic Paint Co Clinton NY
Ewing M Fox Co 240 E 137 NY NY
Horn A C Co 43-42 10th Long Island N Y
Mineral Pigments Corp Muirkirk Md
Pecora Paint Co Phil Pa
Ricketson Mineral Color Wks Milwaukee Wis
Sealcon Prod Inc 927 Second Av S Minneapolis 2 Minn
J Lee Smith & Co Inc 19 Jacobs NY NY
Smith Chem & Color Co 55 John Brooklyn N Y
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
Williams & Co Easton Pa

COLUMNS—built-up wood

Carr Adams & Collier Co Dubuque Ia (51)
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Curtis Companies Inc Clinton Ia (27)
Huttig Sash & Door Co St Louis Mo
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
Morgan Co Oshkosh Wis
Mutual Fir Column Co Tacoma Wash
Pacific Mutual Door Co Tacoma Wash (206)
Rock Island Sash & Door Wks Rock Island Ill
Washington Mfg Co Tacoma 1 Wash

CONCRETE BLOCK MACHINES

Besser Mfg Co Alpena Mich
Dunn W E Mfg Co Holland Mich
Kent Mach Co Cuyahoga Falls O (190)
Multiplex Concrete Mach Co Elmore O
Stearns Mfg Co Adrian Mich

CONCRETE CURING COMPOUND

American Marietta Co 43 E Ohio Chgo 11 Ill
Anti Hydro Waterproofing Co Newark 8 N J
The Dow Chemical Co Midland Mich (89)
Fort Pitt Chem Co Pittsburgh 22 Pa
Horn A C Co 43-42 10th Long Island City N Y
Johns-Manville Corp 22 E 40th NY 16 NY
Presstite Engineering 3900 Chouteau Av St Louis 10 Mo
Reilly Tar & Chemical Corp Indianapolis 4 Ind
Republic Creosoting Co Indianapolis 4 Ind (196)
Sealcon Prod Inc 927 Second Av S Minneapolis 2 Minn
Solvay Sales Corp 40 Rector NY NY
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Wall Products Inc Newark 2 N J

CONCRETE HARDENER

Adensite Co Inc 37-19 23rd St L I City NY
American Fluresit Co Cincinnati 29 O
Anti Hydro Waterproofing Co Newark 8 N J
Ceresit Waterproofing Corp 512 S Canal Chgo
Colorado Paint Co 3551 Blake Denver 5 Colo
Fort Pitt Chem Co Pittsburgh 22 Pa
Glidden Co Cleveland Ohio (12-13)
Harrop Chemical Co 135 Hoboken Av Jersey City 2 N J
Horn A C Co 43-42 Tenth St Long Island City N Y
Master Builders Co Cleveland O
Minwax Co Inc 11 W 42nd NY NY
Sealcon Prod Inc 927 Second Av S Minneapolis 2 Minn
Smooth-On Mfg Co 568-574 Communipaw Av Jersey City 4 N J
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
Stonhard Company 401 N Broad Philadelphia 8 Pa
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
Truscon Labs Detroit Mich

CONCRETE MIXERS

Besser Mfg Co Alpena Mich
Chain Belt Co Milwaukee 4 Wis
Norris K Davis 400 Seventh St San Francisco 3 Cal
Dunn W E Mfg Co Holland Mich
Essick Manufacturing Co 1950 Santa Fe Av Los Angeles Cal
Jaeger Mach Co Columbus O
Kent Machine Co Cuyahoga Falls Ohio (190)
Koehring Co Milwaukee Wis
Lansing Co Lansing Mich
Ransome Machinery Co Dunellen N J
T L Smith Co Milwaukee Wis
Stearns Mfg Co Inc Adrian Mich
Swift Mfg Co Waterloo Iowa

CONNECTORS—timber

Duplex Hanger Co Div Consolidated Iron Steel Mfg Co Cleveland Ohio
Ideal Hanger Co 1272 E 53rd Cleveland 14 Ohio (86)
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
Timber Engineering Co Washington D C
Timber Engineering Co c/o Michigan Detroit Mich

CONTROLLERS—electric fence

Electrite Fence Co Whitewater Wis
Gardner Mfg Co Horicon Wis
Guaranteed Products Wellington Ohio
Prime Mfg Co Milwaukee Wis

CONVEYORS—gravity roller

Logan Co Inc Louisville Ky
Rapids Standard Co Inc Grand Rapids 2 Mich
Standard Conveyor Co N St Paul Minn (218)

CONVEYORS—gravity wheel

Prescott Co Menominee Mich
Rapids Standard Co Inc Grand Rapids 2 Mich

CONVEYORS—chain link & chain belt

Allis Chalmers Mfg Co Milwaukee Wis
The C O Bartlett & Snow Co 6200 Harvard Av Cleveland 5 Ohio
Bonded Scale Co 19 Bellview Ave Columbus 7 Ohio
Chain Belt Co Milwaukee 4 Wis
Corinth Machinery Co Corinth Miss (195)
The Filer & Stowell Co Milwaukee 7 Wis
Geo Haiss Mfg Co 319 Canal Pl NY NY
Jeffrey Mfg Co Columbus O
Lamson Co Inc Syracuse N Y
Link Belt Co 300 W Pershing Chgo Ill
Prescott Co Menominee Mich
Richards-Wilcox Mfg Co Aurora Ill
Stephens Adamson Mfg Co Aurora Ill

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CONVEYORS—overhead

Chain Belt Co Milwaukee Wis
Jeffrey Mfg Co Columbus O
Lamson Co Syracuse N Y
Louden Mchy Co Fairfield Ia
Mathews Conveyor Co Ellwood City Pa
The Ney Mfg Co 948 High Av S W Canton 4 Ohio
Northern Conveyor Co Janesville Wis
Richards-Wilcox Mfg Co Aurora Ill

CONVEYORS—portable belt

Atlas Conveyor Co Clintonville Wis
Barber-Greene Co Aurora Ill
Bonded Scale Co 19 Bellview Ave Columbus 7 Ohio
Chain Belt Co Milwaukee 4 Wis
Fairfield Eng Co Marion O
Godfrey Conveyor Co Elkhart Ind
Geo Haiss Mfg Co Inc 319 Canal Pl NY NY
Jeffrey Mfg Co Columbus O
Lamson Co Syracuse N Y
Link Belt Co 300 W Pershing Chgo Ill
Logan Co Inc Louisville 6 Ky
Northern Conveyor Co Janesville Wis
Rapids Standard Co Inc Grand Rapids 2 Mich
Stephens Adamson Co Aurora Ill

CONVEYORS—portable bucket

Barber-Greene Co Aurora Ill
Chain Belt Co Milwaukee Wis
Fairfield Eng Co Marion O
Geo Haiss Mfg Co 319 Canal Pl NY NY
Jeffrey Mfg Co Columbus O
Link Belt Co 300 W Pershing Chgo Ill

CONVEYORS—portable flight

Atlas Conveyor Co Clintonville Wis
Barber-Greene Co Aurora Ill
Bonded Scale Co 19 Bellview Ave Columbus 7 Ohio
Chain Belt Co Milwaukee Wis
Fairfield Eng Co Marion O
Godfrey Conveyor Co Elkhart Ind
Geo Haiss Mfg Co 319 Canal Pl NY NY
Lamson Co Inc Syracuse N Y
Link Belt Co 300 W Pershing Chgo Ill
Northern Conveyor Co Janesville Wis
Stephens Adamson Co Aurora Ill

CONVEYORS—slab

The C O Bartlett & Snow Co 6200 Harvard Av Cleveland 5 Ohio
Corinth Machinery Co Corinth Miss (195)
Corley Mfg Co Chattanooga 1 Tenn (188)
The Filer & Stowell Co Milwaukee 7 Wis
Jeffrey Mfg Co Columbus O
Lamson Co Syracuse N Y
Link Belt Co 300 W Pershing Chgo Ill
Logan Co Inc Louisville Ky

CORD—sash

American Chain & Cable Co Inc Bridgeport Conn
Anniston Cordage Co Anniston Ala
Austin & Eddy Inc P O Box 1504 Boston 4 Mass
John H Graham & Co Inc 105 Duane NY 8 NY
Highland Cordage Co Hickory N C
Hoffman Lion Mills Co Inc Fall River Mass
Hooper Wm E & Sons Co Phil Pa
Huttig Sash & Door Co St Louis Mo
Mallison Braided Cord Co Athens Ga
Protex Weatherstrip Mfg Co 4500 S Western Chgo Ill (11)
Puritan Cordage Mills Louisville Ky
Rock Island Sash & Door Wks Rock Island Ill
Samson Cordage Wks Boston Mass (118)
Silver Lake Co Boston Mass
Southern Mills Corp Oxford Ala
Whittier Mills Co Chattahoochee Ga

CORD—sash, wire

American Steel & Wire Co Cleveland O (147)
Austin & Eddy Inc P O Box 1504 Boston 4 Mass
MacWhyte Co Kenosha Wis
Plymouth Cordage Co No Plymouth Mass
John A Roebling's Sons Co Trenton N J
Upson-Walton Co Cleveland O
Wickwire Spencer Steel Co 500 Fifth Av NY NY (58)

CORD—venetian blind

Archer A W Co Inc 100 Worth NY NY
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Graham John H & Co Inc 105 Duan NY NY
Raucher Mfg Co Inc Norwich Conn
Samson Cordage Wks Boston Mass (118)
Silver Lake Co Boston Mass

CORN CRIBS

E S Gaynor Lbr Co Sioux City Iowa
Ill Wire & Mfg Co Joliet Ill
James Mfg Co Ft Atkinson Wis
Mattson Wire & Mfg Co Inc Joliet Ill
Mid States Steel & Wire Co Crawfordsville Ind
Neb Bridge & Supply & Lbr Co Omaha Neb
New Jersey Fence Co Burlington N J
Rowe Mfg Co Galesburg Ill
Siebring Mfg Co George Iowa
Starline Inc Harvard Ill
Wheeler-Arnold Co Wittenberg Wis

CORNER BEAD

Alabama Metal Lath Co Birmingham Ala
Milcor Steel Co So 41st & W Burnham Milwaukee 4 Wis
Penn Metal Co Inc 205 E 42nd NY 17 NY
St Paul Corrugating Co St Paul Minn
Truscon Steel Co Youngstown 1 O
U S Gypsum Co 300 W Adams Chgo 6 Ill (59)
Wheeling Corrugating Co Wheeling W Va (34)

CORNERS—building

The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
The Edwards Mfg Co 427-477 Culvert Cincinnati Ohio
Kees F D Mfg Co Beatrice Neb
Klauer Mfg Co Dubuque Ia
Mid-States Steel & Wire Co Crawfordsville Ind
Milcor Steel Co So 41st & W Burnham Milwaukee 4 Wis
Penn Supply & Metal Corp Phila 22 Pa
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
St Paul Corrugating Co St Paul Minn
Wheeling Corrugating Co Wheeling W Va (34)

COUNTER TOPS

Armstrong Cork Co Lancaster Pa
Congoleum-Nairn Inc Kearny N J
Harrison Steel Cabinet Co 4718 W 5th Chgo Ill
Marsh Wall Prod Inc Dover O (75)
Masonite Corp 111 W Washington Chgo 2 Ill
Morgan Co Oshkosh Wis
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill

COUNTERS—store & display

Aurora Equipment Co Aurora Ill
Bulman E O Mfg Co Inc Grand Rapids Mich
General Fireproofing Co Youngstown O
Grand Rapids Store Equipment Co Grand Rapids Mich
W C Heller & Co 539 N Clark St Montpelier Ohio
Lyon Metal Prods Inc Aurora Ill
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Warren J D Mfg Co Montpelier O

COUPLINGS—flexible shaft

Brad Foote Gear Wks Inc Cicero Ill
Diamond Chain & Mfg Co 450 Kentucky Av Indianapolis 7 Ind
Falk Corp Milwaukee Wis
The Filer & Stowell Co Milwaukee 7 Wis
Jeffrey Mfg Co Columbus O
Kent Machine Co Cuyahoga Falls O (190)
Link Belt Co 300 W Pershing Chgo Ill
Lovejoy Flexible Coupling Co 5001 W Lake Chgo 44 Ill
Morse Chain Co Ithaca N Y
Prescott Co Menominee Mich
T L Smith Milwaukee Wis
Western Fdry Co Portland 1 Ore

CRANES—overhead travelling

Chisholm Moore Hoist Corp Tonawanda N Y
Cleveland Crane & Engr Co Wickliffe O
Louden Machinery Co Fairfield Ia
Reading Chain & Block Corp 2100 Avams St Reading Pa
Richards-Wilcox Mfg Co Aurora Ill
Robbins & Myers Inc Springfield O
David Round & Son Cleveland 5 Ohio
Shaw-Box Crane & Hoist Div Manning, Maxwell & Moore Inc Muskegon Mich
Shepard Niles Crane & Hoist Co Montour Falls N Y

CRANES—power industrial

American Hoist & Derrick Co 63 So Robert St Paul 1 Minn
Elwell-Parker Elec Co Cleveland 14 O
Hyster Co Portland 8 Ore
Reading Chain & Block Corp 2100 Avams St Reading Pa
Robbins & Myers Inc Springfield Ohio
David Round & Son Cleveland 5 Ohio

CRANES—tractor

Hyster Co Portland 8 Ore

CRAYONS—lumber marking

American Crayon Co Sandusky O
Blaisdell Pencil Co Phila Pa
Frank R Buck 2133 W Touhy Chgo Ill (218)
Jos Dixon Crucible Co Jersey City N J
Markal Co 607R N Western Av Chgo 12 Ill
Markwell Mfg Co Inc 200 Hudson NY 13 NY (94)
National Crayon Co Easton Pa
Standard Crayon Mfg Co Danvers Mass
Union Crayon Co Lowell Mass

CREDIT INFORMATION

Lumbermen's Credit Assn Inc 608 S Dearborn Chgo Ill (197)

CUTTERS—glass

Wm L Barrett Co 34 School St Bristol Conn
Fletcher Terry Co Forestville Conn (98)
Glaziers Tool Mfg Corp 611 W Adams Chgo Ill
E Karelsen Inc 125 W 45th NY 19 NY
Mayhew Steel Prods Corp Shelburne Falls Mass
Mephisto Tool Co Inc Hudson N Y
Millers Falls Co Greenfield Mass
Red Devil Tools Irvington 11 N J
Ridgely Trimmer Co Springfield Ohio
Utica Drop Forge & Tool Corp Utica N Y

CUTTERS—insulation hole

Circo Tool Co Milwaukee 5 Wis

CUTTERS—lock corner

Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
Huther Bros Saw Mfg Co Inc Rochester 7 N Y (193)

CUTTERS—moulding

Taylor Stiles & Co Riegelsville N J (76)
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
Ekstrom, Carlson & Coe Rockford Ill
E T Lippert Saw Co Pittsburgh Pa
Samuel J Shimer & Sons Inc Milton Pa (199)
S A Woods Mach Co Boston 10 Mass (104)

CUTTERS—wheel & base

Circo Tool Co Milwaukee 5 Wis
Ridgely Trimmer Co Springfield Ohio

DAMPERS—fireplace

Adams Co Dubuque Ia
Bennett-Ireland Norwich NY
Chattanooga Implement & Mfg Co Chattanooga 6 Tenn
Colonial Fireplace Co 540 N Cicero Av Chgo 44 Ill
Covert H W Co 339 E 48th NY NY
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Gabriel Steel Co Detroit 12 Mich
Majestic Co Huntington Ind
Peerless Mfg Corp Louisville Ky

Number in parenthesis indicates page on which advertisement appears

Superior Fireplace Co Los Angeles Cal (100)
Swett A L Iron Wks Medina N Y
Western Fdry Co Portland 1 Ore

DAMPPROOFING

Adensite Co Inc 37-19 23rd St L I City NY
American Asphalt Roof Corp Kansas City Mo
American Fluresit Co Cincinnati 29 O
Anti Hydro Waterproofing Co Newark 8 N J
Barrett Div Allied Chem & Dye Corp 40 Rector NY NY
Samuel Cabot Inc 141 Milk St Boston 9 Mass (98)
Philip Carey Mfg Co Cincinnati 15 O (65)
Chemical Supply Co 225 Plymouth Bldg Cleveland 15 Ohio
Chi-Namel Paint & Varnish Co Minneapolis Minn
Flintkote Co 30 Rockefeller Plaza NY NY (73)
Fort Pitt Chem Co Pittsburgh 22 Pa
A C Horn Co 43-42 Tenth Long Island City 1 N Y
Ironite Co 111 W Washington Chgo 2
Koppers Co Pittsburgh Pa
Lehon Co 4425 S Oakley Av Chgo Ill
Lumino Co Inc 515 Madison Av NY NY
Minnesota Linseed Oil Paint Co Minneapolis Minn
Minwax Co Inc 11 W 42nd NY NY
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Pioneer Asphalt Corp 435 N Michigan Chgo Ill
Ranetite Mfg Co 1917 S Broadway St Mo (118)
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
Stonhard Company 401 N Broad Philadelphia 8 Pa
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
The Texas Co 135 E 42nd NY NY
Truscon Labs Detroit Mich
Vita-Var Corp Newark N J (310)

DECKS—gypsum roof

Certain-teed Prod Corp 120 S LaSalle St Chgo 3 Ill (25)
U S Gypsum Co 300 W Adams St Chgo (59)
Wheeling Corrugating Co Wheeling W Va (34)

DIFFERENTIALS—automatic locking, truck axles

Thornton Tandem Co Detroit Mich (37)

DIPPING VATS—lumber

Corley Mfg Co Chattanooga 1 Tenn (188)
The Filer & Stowell Co Milwaukee 7 Wis
Johnson & Carlson 848 W Eastman Chgo 22 Ill

DISHWASHERS—electric

Edison Gen'l Elec Appliance Co Inc 5600 W Taylor Chgo 44 Ill
Gen'l Elec Co Bridgeport Conn
Westinghouse Elec & Mfg Co Pittsburgh Pa

DOOR BOTTOMS—automatic

Thermal Co Philadelphia 19 Pa (119)

DOOR CLOSERS

Bommer Spring Hinge Co 263 Classon Av Brooklyn 5 NY
P & F Corbin New Britain Conn
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Lockwood Hdwe Mfg Co Fitchburg Mass
Norton Door Closer Co 2900 N Western Av Chgo 18 Ill
Protex Weatherstrip Mfg Co 4500 S Western Chgo Ill (11)
Richards-Wilcox Mfg Co Aurora Ill
Russell & Erwin Mfg Co New Britain Conn (181)

DOOR FRAMES—metal

Adams Co Dubuque Ia
American Sheet Metal Wks New Orleans La
Crittall-Federal Inc Waukesha Wis
Detroit Steel Prod Co Detroit Mich
Michael Flynn Mfg Co 2247 E Allegheny Av Philadelphia 7 Pa
Kewanee Mfg Co Kewanee Ill
Mesker Bros Iron Co St Louis Mo (62-63)
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Richards-Wilcox Mfg Co Aurora Ill
Truscon Steel Co Youngstown O

DOOR FRAMES—wood

Andersen Corp Bayport Minn (54-55)
Biles-Coleman Lbr Co Inc Omak Wash (68)
Bradley Lbr Co Warren Ark (47)
Carr Adams & Collier Dubuque Ia (51)
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Crossett Lbr Co Crossett Ark
Curtis Companies Inc Clinton Ia (27)
Deer Park Lbr Co Deer Park Wash
Dierks Lbr & Coal Co Kansas City Mo (215)
Exchange Sawmills Co 1111 Long Bldg Kansas City 6 Mo (200)
Farley & Loetscher Dubuque Ia
Fordyce-Crossett Sales Co Fordyce Ark
Frost Lbr Industries Inc Shreveport La
Gregg & Son Nashua N H (117)
Hammond Lumber Co 417 Montgomery San Fran Cal
Huttig Mfg Co Muscatine Ia (108-109)
Huttig Sash & Door Co St Louis Mo
Ideal Co Box 889 Waco Tex
Keystone Frame & Mfg Co Spokane 3 Wash
Kinzua Pine Mills Co Kinzua Ore (7)
Long Lake Lbr Co Spokane Wash (86)
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
Malta Mfg Co Malta O
Marquart Millwork Co Oshkosh Wis
Missoula White Pine Sash Co Missoula Mont
Morgan Co Oshkosh Wis
Pacific Mutual Door Co Tacoma Wash (206)
Radford Co Oshkosh Wis
Radford & Sanders Inc Baltimore Md
Roach & Musser Co Muscatine Ia (74)
Rock Island Sash & Door Wks Rock Island Ill
Segelke & Kohlhaus Co La Crosse Wis
Geo Silbernagel & Sons Co Wausau Wis (77)
Southern Lbr Co Warren Ark
Spokane Pine Prod Co Spokane Wash (86)
Trimpak Corp New Rochelle N Y
Western Pine Mfg Co Ltd Spokane Wash (118)
Weyerhaeuser Sales Co St Paul Minn
The Wheeler Osgood Co Tacoma 1 Wash (8)
White Pine Sash Co Spokane Wash

DOOR GUARDS

Cincinnati Iron Fence Co Inc 4149 Spring Grove Ave Cincinnati 23 Ohio
The Columbus Brass Mft Co 620 Dublin Av Columbus 16 Ohio
P & F Corbin New Britain Conn
Cyclone Fence Div American Steel & Wire Co P O Box 260 Waukegan 1 Ill
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Erco Mfg Co 4010 W Montrose Av Chgo Ill
Fiwale Equipment Mfg Co 165 Church NY 7 NY
F D Kees Mfg Co Beatrice Neb
Kentucky Metal Prods Co Inc Louisville Ky
Logan Co Inc Louisville 6 Ky
Majestic Co Huntington Ind
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Nat'l Brass Co Grand Rapids Mich
Newman Bros Inc 660 W 4th Cincinnati 3 Ohio
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Sharon Hdwe Mfg Co Sharon Pa
F P Smith Wire & Iron Wks 2346 N Clybourn Av Chgo
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
The Stanley Wks New Britain Conn (87)
A L Swett Iron Wks Medina NY

DOORS—access

Adams Co Dubuque Ia
Anson & Gilkey Co Merrill Wis
Columbia Metal Box Co 260 E 143rd St New York 51 N Y
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Harris Preble Fire Doors Inc 4608-14 W 20th Cicero 50 Ill
Knapp Bros Mfg Co 38 S Dearborn Chgo Ill
Majestic Co Huntington Ind
Miami Cabinet Div of Philip Carey Co Middletown O
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Milcor Steel Co So 41st & W Burnham Milwaukee 4 Wis
Pacific Mutual Door Co Tacoma Wash (206)
Rock Island Sash & Door Wks Rock Island Ill
Segelke & Kohlhaus Co La Crosse Wis
The Wheeler Osgood Co Tacoma 1 Wash (8)

DOORS—ash pit & clean-out

Adams Co Dubuque Ia
Bennett-Ireland Norwich NY
Bignall Co Medina N Y
Chattanooga Implement & Mfg Co Chattanooga 6 Tenn
H W Covert Co 339 E 48th NY NY
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Excelsior Stove & Mfg Co Quincy Ill
Gabriel Steel Co Detroit 12 Mich
Ventilator Inc Syracuse N Y (155)
Kewanee Mfg Co Kewanee Ill
Logan Co Louisville Ky
Lookout Boiler & Mfg Co Chattanooga Tenn
Majestic Co Huntington Ind
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Milcor Steel Co So 41st & W Burnham Milwaukee 4 Wis
Peerless Mfg Co Louisville Ky
Portland Stove Fdry Co Portland Maine
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Sterling Fdry Co Sterling Ill
Superior Fireplace Co Los Angeles Cal (100)
A L Swett Iron Wks Medina N Y
U S Hdwe & Mfg Co Pawtucket R I
Western Fdry Co Portland 1 Ore
Wheeling Corrugating Co Wheeling W Va (34)

DOORS—coal

Adams Co Dubuque Ia
Consolidated Expanded Metal Cos Wheeling W Va
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Majestic Co Huntington Ind
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Truscon Steel Co Youngstown 1 O
United States Gypsum Co 300 W Adams Chgo Ill (59)
Wheeling Corrugating Co Wheeling W Va (34)

DOORS—combination

Angel Novelty Co Fitchburg Mass
Anson & Gilkey Co Merrill Wis
Carr Adams & Collier Co Dubuque Ia (51)
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Combination Door Co Fond Du Lac Wis
Continental Screen Co Detroit Mich
Curtis Cos Inc Clinton Ia (27)
Farley & Loetscher Mfg Co Dubuque Ia
Gregg & Son Nashua N H (117)
Huttig Sash & Door Co St Louis Mo
Ideal Co Box 889 Waco Tex
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
Marquart Millwork Co Oshkosh Wis
Morgan Co Oshkosh Wis
Pacific Mutual Door Co Tacoma Wash (206)
Phenix Mfg Co Milwaukee Wis
Roach & Musser Co Muscatine Ia (74)
Rock Island Sash & Door Wks Rock Island Ill
F E Schumacher Co Hartville Ohio
Segelke & Kohlhaus Co La Crosse Wis
West Coast Screen Co Los Angeles 1 Cal
The Wheeler Osgood Co Tacoma 1 Wash (8)
White Pine Sash Co Spokane Wash

DOORS—Dry kiln

Cornell Iron Wks Inc 36th Av & 13th St Long Island City 1 N Y
Grand Rapids Vapor Kiln Inc Grand Rapids 2 Mich
Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)
Standard Dry Kiln Co P O Box 541 Indianapolis Ind

DOORS—fire

Cornell Iron Wks 36th Av & 13th Long Island City N Y
Harris Preble Fire Doors Inc 4608-14 W 20th Cicero 50 Ill
Hubdor Metal Prod Corp 461 E 147th St NY NY
Internat'l Fireproof Door Co 157 Walworth Brooklyn N Y
James Mfg Co Ft Atkinson Wis
Mesker Bros Iron Co St Louis Mo (62-63)

Number in parenthesis indicates page on which advertisement appears

Metal Clad Doors Inc Waltham Mass
Nat'l Kalamein Co Inc 418 Johnson Av Brooklyn N Y
Richards-Wilcox Mfg Co Aurora Ill
St Louis Fire Door Co St Louis Mo
Syracuse Fire Door Corp Syracuse N Y
U S Plywood Corp 55 W 44th NY NY (36)
Western Fdry Co Portland 1 Ore
Williamsburg Fireproof Prod Co 86 Quay St Brooklyn N Y
Willis Steel Corp Galesburg Ill

DOORS—flush

American Plywood Corp New London Wis (66)
C-W Plywood Co 9 S Clinton Chgo Ill
Carnahan Mfg Co Loogootee Ind
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
W D Crooks & Sons Inc Williamsport Pa
Ideal Co Box 889 Waco Tex
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
The Mengel Co Inc Louisville Ky (36)
Morgan Co Oshkosh Wis
Paine Lbr Co Ltd Oshkosh Wis
Geo J Silbernagel S S Michigan Av Chgo 11 Ill (112)
U S Plywood Corp 616 W 46th St NY NY (36)

DOORS—garage, swing

Carr Adams & Collier Co Dubuque Ia (51)
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Curtis Cos Inc Clinton Ia (27)
Farley & Loetscher Mfg Co Dubuque Ia
Frantz Mfg Co Sterling Ill (74)
Huttig Mfg Co Muscatine Ia
Huttig Mfg Co Muscatine Ia (108-109)
Ideal Co Box 889 Waco Tex
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
Marquart Millwork Co Oshkosh Wis
Morgan Co Oshkosh Wis
Nat'l Mfg Co Sterling Ill
Northwest Door Co Tacoma Wash
Overhead Door Co Hartford City Ind
Richards Wilcox Mfg Co Aurora Ill
Roach & Musser Co Muscatine Ia (74)
Robinson Mfg Co Box 904 Everett Wash
Rock Island Sash & Door Wks Rock Island Ill
Segelke & Kohlhaus Co La Crosse Wis
U S Plywood Corp 55 W 44th NY NY (36)
The Wheeler Osgood Co Tacoma 1 Wash (8)

DOORS—glass

Pittsburgh Plate Glass Co Pittsburgh Pa (99)

DOORS—hardwood

Anson & Gilkey Co Merrill Wis
American Plywood Corp New London Wis (66)
Carr Adams & Collier Co Dubuque Ia (51)
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
W D Crooks & Sons Inc Williamsport Pa
Curtis Cos Inc Clinton Ia (27)
Farley & Loetscher Mfg Co Dubuque Ia
Harbor Plywood Corp Hoquiam Wash (93)
Huttig Mfg Co Muscatine Ia (108-109)
Huttig Sash & Door Co St Louis Mo
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
The Mengel Co Inc Louisville Ky (36)
Morgan Co Oshkosh Wis
Pacific Mutual Door Co Tacoma Wash (206)
Paine Lumber Co Ltd Oshkosh Wis
Roach & Musser Co Muscatine Ia (74)
Rock Island Sash & Door Wks Rock Island Ill
Segelke & Kohlhaus Co La Crosse Wis
Geo Silbernagel & Sons Co Wausau Wis (77)
United States Plywood Corp 616 W 46th St NY NY (36)
West Coast Plywood Corp Aberdeen Wash (209)
The Wheeler Osgood Co Tacoma 1 Wash (8)

DOORS—laundry chute

Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Gabriel Steel Co Detroit 12 Mich
Majestic Co Huntington Ind
Morgan Co Oshkosh Wis

DOORS—overhead type

Allith-Prouty Inc Danville Ill
Berry Door Co 210 Theatre Bldg Birmingham Mich (18)
Barber-Colman Co Rockford Ill
Carr Adams & Collier Co Dubuque Ia (51)
Clark Door Co Inc Newark 8 N J
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Crawford Door Co Detroit Mich
Curtis Cos Inc Clinton Ia (27)
Farley & Loetscher Mfg Co Dubuque Ia
Frantz Mfg Co Sterling Ill (74)
Hallack & Howard Lbr Co Denver Colo
Holmes Mfg Co Los Angeles Cal
The Howell Manufacturing Co Cottman & Hasbrook Av Phil 11 Pa
Huttig Sash & Door Co St Louis Mo
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
McKee Door Co Aurora Ill
Nat'l Mfg Co Sterling Ill
Overhead Door Co Hartford City Ind
Radford Co Oshkosh Wis
Richards-Wilcox Mfg Co Aurora Ill
Roach & Musser Co Muscatine Ia (74)
Robinson Mfg Co Box 904 Everett Wash
Rowe Mfg Co Galesburg Ill
The Stanley Wks New Britain Conn (87)
Starline Inc Harvard Ill
Strand Building Prod Co Detroit 26 Mich
Truscon Steel Co Youngstown Ohio
U S Plywood Corp 55 W 44th NY NY (36)
The Wheeler Osgood Co Tacoma 1 Wash (8)
J G Wilson Corp 370 Lexington Av NY 17 NY

DOORS—plywood

American Plywood Corp New London Wis (66)
Buffelen Lumber & Mfg Co Tacoma Wash
C-W Plywood Co 9 S Clinton Chgo Ill
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Frost Veneer & Plywood Co Inc Sheboygan Wis
Huttig Sash & Door Co St Louis Mo
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
The Mengel Co Inc Louisville Ky (36)
Northwest Door Co Tacoma Wash
Pacific Mutual Door Co Tacoma Wash (206)
Paine Lbr Co Ltd Oshkosh Wis
Pearl City Plywood Co Inc Jamestown NY
U S Plywood Corp 55 W 44th NY NY (36)
The Wheeler Osgood Co Tacoma 1 Wash (8)

DOORS—screen

Angel Novelty Co Fitchburg Mass
Anson & Gilkey Co Merrill Wis
Carr Adams & Collier Co Dubuque Ia (51)
Chamberlin Company of America Detroit Mich
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Continental Screen Co Detroit 26 Mich
Curtis Cos Inc Clinton Ia (27)
W J Dennis & Co 1732 N Kolmar Av Chgo Ill
Farley & Loetscher Mfg Co Dubuque Ia
Gregg & Son Nashua N H (117)
Huttig Mfg Co Muscatine Ia
Huttig Mfg Co Muscatine Ia (108-109)
Ideal Co Box 889 Waco Tex
Marquart Millwork Co Oshkosh Wis
Morgan Co Oshkosh Wis
National Screen Co Suffolk Va
Northwest Door Co Tacoma Wash
Orange Screen Co Maplewood N J
Roach & Musser Co Muscatine Ia (74)
Robinson Mfg Co Everett Wash
Royal Glass Wks Corp 50-20 5th Long Island City 1 NY
F E Schumacher Co Hartville O
Segelke & Kohlhaus Co La Crosse Wis
Geo J Silbernagel S S Michigan Av Chgo Ill (112)
Geo Silbernagel & Sons Co Wausau Wis (77)
West Coast Screen Co Los Angeles 1 Cal
The Wheeler Osgood Co Tacoma 1 Wash (8)
White Pine Sash Co Spokane Wash

DOORS—shower, glass panel

Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Milwaukee Stamping Co Milwaukee 14 Wis
Zahner Mfg Co Kansas City Mo

DOORS—softwood

Anson & Gilkey Co Merrill Wis
Carr Adams & Collier Co Dubuque Ia (51)
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Curtis Cos Inc Clinton Ia (27)
Farley & Loetscher Mfg Co Dubuque Ia
Fir Door Institute Tacoma 2 Wash (207)
Gregg & Son Nashua N H (117)
Hallack & Howard Lbr Co Denver Colo
Harbor Plywood Corp Hoquiam Wash (93)
Huttig Mfg Co Muscatine Ia (108-109)
Huttig Sash & Door Co St Louis Mo
Ideal Co Box 889 Waco Tex
Long-Bell Lbr Co Kansas City Mo
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
Marquart Millwork Co Oshkosh Wis
Morgan Co Oshkosh Wis
Northwest Door Co Tacoma Wash
Pacific Mutual Door Co Tacoma Wash (206)
Roach & Musser Co Muscatine Ia (74)
Robinson Mfg Co Everett Wash
Rock Island Sash & Door Wks Rock Island Ill
Royal Glass Wks Corp 50-20 5th Long Island City 1 N Y
Segelke & Kohlhaus Co La Crosse Wis
Geo J Silbernagel S S Michigan Av Chgo Ill (112)
Geo Silbernagel & Sons Co Wausau Wis (77)
Simpson Industries Inc Seattle Wash
U S Plywood Corp 55 W 44th NY NY (36)
West Coast Plywood Corp Aberdeen Wash (209)
Weyerhaeuser Sales Co St Paul Minn
The Wheeler Osgood Co Tacoma 1 Wash (8)

DOORS—steel

Adams Co Dubuque Ia
Cornell Iron Wks Inc 36th Av & 13th Long Island City 1 N Y
Crittall-Federal Inc Waukesha Wis
Detroit Steel Prods Co Detroit Mich
Decatur Iron & Steel Co Decatur Ala
Michael Flynn Mfg Co 2247 E Allegheny Av Philadelphia 7 Pa
Harris Preble Fire Doors Inc 4608-14 W 20th Cicero 50 Ill
Hope's Windows Inc Jamestown N Y
James Mfg Co Ft Atkinson Wis
Kinnear Mfg Co Columbus O
Mesker Bros 433 S 7th St Louis Mo (62-63)
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Milwaukee Stamping Co Milwaukee 14 Wis
Overhead Door Co Hartford City Ind
Republic Steel Corp Cleveland O
Richards-Wilcox Mfg Co Aurora Ill
Soule Steel Co San Francisco 24 Cal
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
Stewart Iron Wks Co Inc Cincinnati O
Truscon Steel Co Youngstown O

DOORS—storm

Angel Novelty Co Fitchburg Mass
Anson & Gilkey Co Merrill Wis
Carr Adams & Collier Co Dubuque Ia (51)
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Curtis Cos Inc Clinton Ia (27)
Farley & Loetscher Mfg Co Dubuque Ia
Gregg & Son Nashua N H (117)
Hallack & Howard Lbr Co Denver Colo
Huttig Mfg Co Muscatine Ia (108-109)
Huttig Sash & Door Co St Louis Mo
Marquart Millwork Co Oshkosh Wis
Morgan Co Oshkosh Wis
Northwest Door Co Tacoma Wash
Oshkosh Millwork Co Oshkosh Wis
Phenix Mfg Co Milwaukee Wis
Radford Co Oshkosh Wis
Roach & Musser Co Muscatine Ia (74)
Rock Island Sash & Door Wks Rock Island Ill
Segelke & Kohlhaus Co La Crosse Wis
Geo J Silbernagel S S Michigan Av Chgo Ill (112)
Geo Silbernagel & Sons Co Wausau Wis (77)
Western Pine Mfg Co Spokane Wash (118)
Weyerhaeuser Sales Co St Paul Minn
The Wheeler Osgood Co Tacoma 1 Wash (8)
White Pine Sash Co Spokane Wash

DOORS—wood, cabinet & cupboard

Aetna Plywood & Veneer 1732 N Elston Av Chgo Ill (213)
American Plywood Corp New London Wis (66)
Angel Novelty Co Fitchburg Mass

Number in parenthesis indicates page on which advertisement appears

Anson & Gilkey Co Merrill Wis
Carr Adams & Collier Co Dubuque Ia (51)
Chamberlin Company of America Detroit Mich
C-W Plywood Co 9 S Clinton Chgo Ill
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Curtis Cos Inc Clinton Ia (27)
Farley & Loetscher Mfg Co Dubuque Ia
Gregg & Son Nashua N H (117)
Hallack & Howard Lbr Co Denver Colo
Harbor Plywood Corp Hoquiam Wash (93)
Huttig Mfg Co Muscatine Ia (108-109)
Huttig Sash & Door Co St Louis Mo
Ideal Co Box 889 Waco Tex
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
Morgan Co Oshkosh Wis
Northwest Door Co Tacoma Wash
Pacific Mutual Door Co Tacoma Wash (206)
Paine Lbr Co Ltd Oshkosh Wis
Pearl City Plywood Co Inc Jamestown NY
Phenix Mfg Co Milwaukee Wis
Roach & Musser Co Muscatine Ia (74)
Rock Island Sash & Door Wks Rock Island Ill
Segelke & Kohlhaus Co La Crosse Wis
Geo J Silbernagel S S Michigan Av Chgo 11 Ill (112)
U S Plywood Corp 55 W 44th NY NY (36)
The Wheeler Osgood Co Tacoma 1 Wash (8)

DOWELS—wood

American Fork & Hoe Co Cleveland O
Bradley Lbr Co of Ark Warren Ark (47)
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
W J Dennis & Co 1732 N Kolmar Av Chgo Ill
Despres Dowel Mfg Co Grand Rapids Mich
Englewood Dowel Co 222 W North Bank Dr Chgo Ill
Fordyce-Crossett Sales Co Fordyce Ark
Grand Rapids Dowel Wks Grand Rapids Mich
Hallack & Howard Lbr Co Denver Colo
Edw Hines Lbr Co 77 W Washington Chgo Ill (39)
Huttig Sash & Door Co St Louis Mo
Long-Bell Lbr Co Kansas City Mo
H B Lyons Co Union City Pa
Harry Meyer Wood Prod 1654 W Hubbard Chgo 1 Ill
Nashotah Moulding & Mfg Co Nashotah Wis
Pacific Mutual Door Co Tacoma Wash (206)
Rock Island Sash & Door Wks Rock Island Ill
South Bend Dowel Wks South Bend Ind
Waterloo Mfg Co Waterloo Ind

DRAFTING SUPPLIES

Eugene Dietzgen Co 2425 N Sheffield Av Chgo Ill
Chas M Higgins & Co 271 9th Brooklyn N Y
Keuffel & Esser Co Hoboken N J
Frederick Post Co 155 E Ohio Chgo Ill
Warren Knight Co Philadelphia 7 Pa

DRESSERS—grinding wheel

E C Atkins & Co Indianapolis Ind
Calder Mfg Co Lancaster Pa
Collmer Bros South Bend Ind
Covel Hanchett Co Big Rapids Mich
Desmond-Stephan Mfg Co Urbana O
E Karelsen Inc 125 W 45th NY 19 NY
Sandvik Saw & Tool Corp 47 Warren NY NY
Southington Hdwe Mfg Co Southington Conn
Standard Tool Co Cleveland O
Vincent Steel Process Co Detroit Mich
Western Tool & Mfg Co Springfield O

DRESSINGS—belt

Alexander Brothers 406 N 3rd Philadelphia 23 Pa
W D Allen Mfg Co 566 W Lake Chgo Ill
The Black Diamond Paint & Varnish Works Inc 1209 Bank St Cincinnati 14 Ohio
Boyer Chem Lab 2700 S Wabash Chgo Ill
Capen Belting & Rubber Co St Louis Mo
Chicago Belting Co 121 N Green Chgo Ill
Victor R. Clark Belting Co 605 W Washington Chgo 6 Ill
Cling-Surface Co Buffalo NY
Detroit Oak Belting Co Detroit Mich
Jos Dixon Crucible Co Jersey City N J
Ensign Prods Co Cleveland O
Galena Mfg Co Galena Ill
B F Goodrich Co Akron O
Graton & Knight Co Worcester Mass
Miller Rubber Industrial Prod Div of The B F Goodrich Co Akron Ohio
Norton Belting Co Wellesley Hills Mass
J E Rhoads & Son 35 N 6th Philadelphia 6 Pa
Richmond Belt Dressing Mfg Co Richmond Va
So-Lo Wks Inc Loveland Ohio
Standard Oil Co of Indiana 910 S Michigan Ave Chgo Ill
Stephenson Mfg Co Albany N Y
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Webb Belting Co Kansas City Mo
Whitlock Mfg Co Cleveland O

DRILL PRESSES

Boice Crane Co Toledo 6 O
Delta Mfg Co Milwaukee Wis
Walker-Turner Co Inc Plainfield N J
Yates-American Machine Co Beloit Wis

DRILLS—masonry

Arro Expansion Bolt Co Marion O
Brunner & Lay Co 727 S Jefferson Chgo Ill
Cincinnati Tool Co Cincinnati O
Damascus Steel Prod Corp Rockford Ill
Diamond Expansion Bolt Co Garwood N J
C Drew & Co Kingston Mass
Duffy Mfg Co 214 W Grand Av Chgo Ill
Hubbard & Co 6301 Butler St Pittsburgh 1 Pa
Kraeuter & Co Newark N J
Oxford Tool Co Philadelphia 22 Pa
Paine Co 2951 Carroll Av Chgo 12 Ill Ill
Phillips Drill Co 4700 W 5th Av Chgo Ill
Plomb Tool Co Los Angeles Cal
Rawplug Co Inc 94-95 Lafayette NY 13 NY
Red Devil Tools Irvington 11 NJ
U S Expansion Bolt Co Inc York Pa
Vulcan Tool Mfg Co Quincy Mass

DRILLS—portable electric

Black & Decker Mfg Co Towson 4 Md
Chicago Wheel & Mfg Co Dept EE 1101 W Monroe St Chgo Ill
Cincinnati Electrical Tool Co Cincinnati O
Jas Clark Jr Electric Co Inc Louisville Ky
Duro Metal Products Co 2651-61 N Kildare Ave Chgo Ill
Hisey-Wolf Mach Co Cincinnati O
Independent Pneumatic Tool Co 600 W Jackson Chgo 6 Ill
Louisville Electric Mfg Co Louisville Ky
Mall Tool Co 7733 S Chicago Av Chgo Ill (191)
Millers Falls Co Greenfield Mass
Milwaukee Electric Tool Corp Milwaukee Wis
Misener Mfg Co Inc Syracuse N Y
Schauer Machine Co Cincinnati O
Signal Electric Mfg Co Menominee Mich
Skilsaw Inc 5033 N Elston Av Chgo Ill
Speedway Mfg Co 1834 S 52nd Av Cicero Ill
Standard Electric Tool Co Cincinnati O
Stanley Electric Tools 111 Elm New Britain Conn (87)
U S Electrical Tool Co Cincinnati 14 O
Wodack Electric Tool Corp 4627 W Huron Chgo Ill

DRIVE CONVERSIONS—truck wheel

Marmon Herrington Co Inc 1511 W Washington Indianapolis 7 Ind

DRIVERS—glazier

Fletcher Terry Co Forestville Conn (98)
Markwell Mfg Co Inc 200 Hudson NY NY (94)
Red Devil Tools Irvington 11 N J

DRUMS—hoisting

The Filer & Stowell Co Milwaukee 7 Wis
Hyster Co Portland 8 Ore
Prescott Co Menominee Mich
Western Foundry Co Portland 1 Ore

DRYERS—basket

Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)

DRYERS—panel

Detroit Sheet Mtl Wks Detroit Mich
Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)

DRYERS—veneer

Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)

DRY KILNS

Grand Rapids Vapor Kiln Inc Grand Rapids 2 Mich
Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)
Perfection Dry Kiln Inc Box 453 Jamestown N Y
Standard Dry Kiln Co P O Box 541 Indianapolis Ind
B F Sturtevant Co Hyde Park Boston 36 Mass

DUST COLLECTING SYSTEMS

Allington & Curtis Mfg Co Saginaw Mich
American Blower Corp Detroit 32 Mich
The C O Bartlett & Snow Co 6200 Harvard Av Cleveland 5 Ohio
Detroit Sheet Mtl Wks Detroit Mich
Houston Blow Pipe & Sht Met Wks Houston Tex (28)
Ideal Commutator Dress Co Sycamore Ill
Kirk & Blum Mfg Co Cincinnati O
R C Mahon Co Detroit Mich
St Louis Blow Pipe & Heater Co St Louis Mo
W W Stanley Co 401 Broadway NY NY
B F Sturtevant Co Hyde Park Boston 36 Mass

EAVES TROUGHS

W R Ames Co San Francisco Cal
Lyon Conklin & Co Baltimore 30 Md
Fordyce-Crossett Sales Co Fordyce Ark
Milcor Steel Co So 41st & W Burnham Milwaukee 4 Wis
Northwest Metal Prod Inc Seattle 4 Wash
Reeves Steel & Mfg Co Dover Ohio
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
St Paul Corrugating Co St Paul Minn
Wheeling Corrugating Co Wheeling W Va (34)

EDGERS—sawmill

Allis Chalmers Mfg Co Milwaukee Wis
American Saw Mill Mach Co Hackettstown N J
Corinth Machinery Co Corinth Miss (195)
Corley Mfg Co Chattanooga 1 Tenn (188)
The Filer & Stowell Co Milwaukee 7 Wis
Frick Co Waynesboro Pa (199)
Gordon Hollow Blast Grate Co Greenville Mich
Hilger Co St Cloud Minn
Miner Edger Works Meridian Miss (215)
Prescott Co Menominee Mich

ENAMEL

Acme White Lead & Color Wks 8250 St Aubin Av Detroit 11 Mich
Adams & Elting Co 1833 Seward Chgo Ill
Alabastine Paint Prod Grand Rapids Mich
American Marietta Co 43 E Ohio Chgo 11 Ill
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Baker Paint & Varnish Co Jersey City N J
Berry Bros Inc Detroit 7 Mich
Boston Varnish Co Boston 49 Mass (33)
Breinig Brothers Inc 1st & Harrison Hoboken N J
Calbar Paint & Varnish Co 2612 N Martha Phil 25 Pa Pa
Campbell Paint & Varnish Co St Louis Mo
Central Paint & Varnish Wks Brooklyn N Y
Chicago Paints Inc 4500 W 14th Chgo Ill
Chi-Namel Paint & Varnish Co Minneapolis Minn
Cook Paint & Varnish Co Kansas City Mo
Devoe & Raynolds Co Inc 787 1st Av NY NY (44-45)
E I Dupont de Nemours & Co Inc Wilmington Del
Elliott Paint & Varnish Co 4525 Fifth Av Chgo Ill
Evercrete Corp 19 W 44th NY 18 NY
Farwell Ozmun Kirk & Co St Paul 1 Minn
Felton Sibley & Co Inc 136 N 4th Philadelphia 6 Pa

Number in parenthesis indicates page on which advertisement appears

W P Fuller & Co 301 Mission San Fran 19 Cal
Glidden Co Cleveland O (12-13)
Globe Paint Wks Inc 202-208 Market Williamsport 5 Pa
Heath & Milligan Mfg Co 1833 S Normal Chgo Ill
A C Horn Co 43-42 Tenth Long Island City 1 NY
Indiana Indestructible Paint Co 4124 Parker Av Chgo Ill
Jewel Paint & Varnish Co 345 N Western Av Chgo Ill
S C Johnson & Son Inc Racine Wis
R F Johnston Paint Co Cincinnati O
Keystone Varnish Co 71 Otsego St Brooklyn 31 N Y
Lowe Bros Co Dayton O (61)
John Lucas & Co Philadelphia Pa
The Marietta Paint & Color Co Marietta Ohio
Mar-Kay Mfg Co 2715 S Second St St Louis Mo
Martin-Senour Co 2540 Quarry Chgo Ill
John W Masury & Son 11 W 42nd Brooklyn N Y
Benjamin Moore & Co 511 Canal NY 13 NY
Murphy Finishes Corp 224 McWhorter Newark 1 NJ
O'Brien Varnish Co South Bend Ind (103)
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Patterson Sargent Co Cleveland 14 O
Peaslee-Gaulbert Paint & Varnish Corp Louisville Ky
Pecora Paint Co Inc Philadelphia Pa
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
Pratt & Lambert Inc 75 Tonawanda Buffalo 7 NY
Reilly Tar & Chemical Corp Indianapolis 4 Ind
Republic Creosoting Co Indianapolis 4 Ind (196)
Sargent-Gerke Co Indianapolis 6 Ind
Sherwin Williams Co Cleveland O (309)
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Steelcote Mfg Co 3418 Gratoit St Louis 3 Mo (48)
Truscon Laboratories Detroit Mich
20th Century Paint & Varnish Co 30 Roebing Brooklyn N Y
Valentine & Co Inc 11 E 36th NY 16 NY
Vita-Var Corp Newark N J (310)
Wadsworth Howland & Co 141 Federal Boston Mass
Wilbur & Williams Co Boston Mass
A Wilhelm Co Reading Pa

ENGINES—diesel

Buda Co Harvey Ill
Caterpillar Tractor Co Peoria Ill
Cummins Engine Co Columbus O
Fairbanks Morse & Co 600 S Michigan Av Chgo Ill (24)
General Motors Sales Corp Cleveland O
Hill Diesel Engine Co Lansing Mich
Ingersoll-Rand Co 11 Bdway NY NY
International Harvester Co 180 N Michigan Chgo Ill
Waukesha Motor Co Waukesha Wis
Worthington Pump & Mach Corp Harrison N J

ENGINES—gasoline

Aermotor Co 2500 Roosevelt Rd Chgo Ill
Briggs & Stratton Corp Milwaukee Wis
Buda Co Harvey Ill
John Deere Tractor Co Waterloo Ia
Fairbanks Morse & Co 600 S Michigan Av Chgo Ill (24)
Fuller & Johnson Mfg Co Madison Wis
Galloway Co Inc Waterloo Ia
Internat'l Harvester Co Inc 180 N Michigan Av Chgo Ill
Jacobson Mfg Co Racine Wis
Lauson Co New Holstein Wis
Nova Engine Co Lansing Mich
Universal Motor Co Oshkosh Wis
Willys-Overland Motors Inc Toledo 10 O
Witte Engine Wks Kansas City Mo

ENGINES—steam

Corinth Machinery Co Corinth Miss (195)
A B Farquhar Co York Pa
The Filer & Stowell Co Milwaukee 7 Wis
Frick Co Waynesboro Pa (199)
Prescott Co Menominee Mich

FANS—attic

Airmaster Corp 4317 Ravenswood Av Chgo Ill
American Blower Corp Detroit Mich
Buffalo Forge Co Buffalo N Y
Connecticut Blower Co P O Box 884 Hartford 1 Conn
Diehl Mfg Co Finderne Plant Somerville N J
Emerson Electric Mfg Co St Louis Mo
General Electric Co Apparatus & Merch Dept Bridgeport Conn
Ilg Electric Ventilating Co 2850 N Crawford Av Chgo Ill
Internat'l Engineering Inc Dayton O
Johnson Fan & Blower Corp 1319 W Lake Chgo Ill
The Herman Nelson Corp 540 N Michigan Chgo Ill
Robbins & Myers Inc Springfield Ohio
Signal Electric Mfg Co Menominee Mich
B F Sturtevant Co Hyde Park Boston 36 Mass
Universal Blower Co Birmingham Mich
Viking Air Conditioning Corp Cleveland O
Wagner Electric Corp St Louis Mo
Edgar T Ward Co Inc River Forest Ill
Westinghouse Elec & Mfg Co 306 Fourth Av Pittsburgh 30 Pa

FANS—dry kiln

Grand Rapids Vapor Kiln Inc Grand Rapids 2 Mich
Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)
Standard Dry Kiln Co P O Box 541 Indianapolis Ind
B F Sturtevant Co Hyde Park Boston 36 Mass
Trane Co La Crosse Wis

FANS—industrial

Allington & Curtis Mfg Co Saginaw
American Blower Corp Detroit Mich
Buffalo Forge Co Buffalo N Y
Connecticut Blower Co P O Box 884 Hartford 1 Conn
The DeVilbiss Company 300 Phillips Av Toledo 1 Ohio
Diehl Mfg Co Finderne Plant Somerville N J
Houston Blow Pipe & Sht Met Wks Houston Tex (28)
Ilg Elec Ventilating Co 222 N LaSalle Chgo Ill
Jacksonville Blow Pipe Co Jacksonville Fla
The Herman Nelson Corp 540 N Michigan Chgo Ill
Robbins & Myers Inc Springfield O
B F Sturtevant Co Hyde Park Boston 36 Mass
Trane Co La Crosse Wis

FANS—wall & ceiling

American Blower Corp Detroit Mich
Buffalo Forge Co Buffalo N Y
Connecticut Blower Co P O Box 884 Hartford 1 Conn
Delco Appliance Div General Motors Sales Corp Rochester N Y
Diehl Mfg Co Finderne Plant Somerville N J
Emerson Elec Mfg Co St Louis Mo
Excelsior Stove & Mfg Co Quincy Ill
General Electric Co Apparatus & Merch Dept Bridgeport Conn
Ilg Elec Ventilating Co 222 N LaSalle Chgo Ill
James Mfg Co Ft Atkinson Wis
The Herman Nelson Corp 540 N Michigan Chgo Ill
Peerless Elec Co Warren O
Propellair Inc Springfield O
Robbins & Myers Inc Springfield Ohio
Samson-United Corp Rochester N Y
Shepler Mfg Co Pittsburgh Pa
Signal Elec Mfg Co Menominee Mich
B F Sturtevant Co Hyde Park Boston 36 Mass
Trane Co La Crosse Wis
Vent-A-Hood Co Dallas 1 Tex
Victor Elec Prod Inc Cincinnati O
Westinghouse Elec & Mfg Co 306 Fourth Av Pittsburgh 30 Pa

FASTENERS—corrugated steel

Acme Steel Co 2840 S Archer Av Chgo 8 Ill
Columbia Steel Co San Francisco Cal (147)
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Knape & Vogt Mfg Co Grand Rapids Mich
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
The Stanley Wks New Britain Conn (87)
St Paul Corrugating Co St Paul Minn
Superior Fastener Co 2949 Elston Av Chgo Ill

FASTENERS—door chain

Champion Hdwe Co Geneva O
P & F Corbin New Britain Conn
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Griffin Mfg Co Erie Pa
Lockwood Hdwe Mfg Co Fitchburg Mass
National Brass Co Grand Rapids Mich
Norwalk Lock Co 395 Broadway NY 13 NY
Peck Stow & Wilcox Co Southington Conn
Reading Hdwe Corp Reading Pa
Safe Padlock & Hdwe Co Lancaster Pa
Sargent & Co New Haven Conn
Slaymaker Lock Co Lancaster Pa
Yale & Towne Mfg Co Stamford Conn

FEEDS—belt, sawmill

Allis Chalmers Mfg Co Milwaukee Wis
Corley Mfg Co Chattanooga 1 Tenn (188)
Kent Machine Co Cuyahoga Falls Ohio (190)

FELT—asphalt roofing

American Asphalt Roof Corp Kansas City Mo
Barrett Div Allied Chem & Dye Corp 40 Rector NY NY
Bird & Son E Walpole Mass (30-31)
Philip Carey Mfg Co Cincinnati 15 O (65)
Certain-teed Prod Corp 120 S La Salle Chgo 3 Ill (25)
Flintkote Co 30 Rockefeller Plaza NY NY (73)
Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
Globe Roofing Prod Co Inc Whiting Ind
Koppers Co Pittsburgh Pa
Lehon Co 4425 S Oakley Ave Chgo Ill
Johns-Manville Corp 22 E 40th NY 16 NY
Jones & Brown Inc Pittsburgh Pa
Nat'l Mfg Corp Tonawanda N Y
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Reilly Tar & Felt Co Indianapolis Ind
The Ruberoid Co 500 Fifth Av NY 18 NY (83)
The Texas Co 135 E 42nd NY NY
U S Gypsum Co 300 W Adams Chgo 6 Ill (59)

FENCE—barbed wire

American Chain Link Fence Co Medford Mass
American Steel & Wire Co Cleveland O (147)
Columbia Steel Co Russ Bldg San Fran 6 Cal (147)
Continental Steel Corp Kokomo Ind
Keystone Steel & Wire Co Peoria Ill
Mid-States Steel & Wire Co Crawfordsville Ind
Northwestern Steel & Wire Co Sterling Ill
Pittsburgh Steel Co Pittsburgh Pa
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Tennessee Coal Iron & R R Co Birmingham Ala (147)
Wheeling Corrugating Co Wheeling W Va (34)

FENCE—chain link

American Chain Link Fence Co Medford Mass
American Steel & Wire Co Cleveland O (147)
Anchor Post Fence Co Baltimore 24 Md
Atlas Fence Co Philadelphia Pa
Chain Link Fence Corp 1629 W 31st Chgo Ill
Cincinnati Iron Fence Co Inc 4149 Spring Grove Ave Cincinnati 23 Ohio
Colorado Fuel & Iron Corp Denver Colo
Continental Steel Corp Kokomo Ind
J W Fiske Iron Wks 78 Park Pl NY NY
Globe Wire Fence & Mfg Co Cincinnati O
Interlocking Fence Co Morton Ill
Page Steel & Wire Div American Chain & Cable Co Inc Monessen Pa
Pittsburgh Steel Co Pittsburgh Pa
Robertson Steel & Iron Co Cincinnati O
F P Smith Wire & Iron Wks 2342 Clybourn Av Chgo Ill
Stewart Iron Wks Co Inc Cincinnati 1 O
Wickwire Spencer Steel Co 500 Fifth Av NY NY (58)
G F Wright Steel & Wire Co Worcester Mass

FENCE—snow

American Chain Link Fence Co Medford Mass
E S Gaynor Sioux City 1 Ia
L L Hutchinson Pavilian N Y
Illinois Wire & Mfg Co Joliet Ill
Wheeler-Arnold Co Wittenberg Wis

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FENCE—steel lawn

American Chain Link Fence Co Medford Mass
American Steel & Wire Co Cleveland O (147)
Anchor Post Fence Co Baltimore Md
Brown Fence Co Chattanooga Tenn
Century Fence Co Waukesha Wis
Chain-Link Fence Corp 1629 W 31st Chgo Ill
Cincinnati Iron Fence Co Inc 4149 Spring Grove Ave Cincinnati 23 Ohio
Columbia Steel Co Russ Bldg San Fran 6 Cal (147)
Continental Steel Corp Kokomo Ind
Cyclone Fence Div American Steel & Wire Co P O Box 260 Waukegan 1 Ill
Davis & Siehl Co Cincinnati O
Keystone Steel & Wire Co Peoria Ill
Mid-States Steel & Wire Co Crawfordsville Ind
Northwestern Steel & Wire Co Sterling Ill
Page Steel & Wire Div American Chain & Cable Co Inc Monessen Pa
Pittsburgh Steel Co Pittsburgh Pa
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Sheffield Steel Corp Kansas City Mo
F P Smith Wire & Iron Wks 2346 Clybourn Av Chgo Ill
Stewart Iron Wks Co Inc Cincinnati O
Wheeling Corrugating Co Wheeling W Va (34)
Wickwire Spencer Steel Co 500 Fifth Av NY NY (58)

FENCE—wood picket

American Chain Link Fence Co Medford Mass
Atlas Fence Co Philadelphia Pa
Collison Fence Co Orange N J
Dubois-Reeves Fences Inc Bergen N J
Fordyce-Crossett Sales Co Fordyce Ark
E S Gaynor Sioux City 1 Ia
Illinois Wire & Mfg Co Joliet Ill
Mattson Wire & Mfg Co Joliet Ill
Rowe Mfg Co Galesburg Ill

FENCE—woven wire

American Chain Link Fence Co Medford Mass
American Steel & Wire Co Cleveland O (147)
Bethlehem Steel Co Bethlehem Pa
Colorado Fuel & Iron Corp Denver Colo
Columbia Steel Co Russ Bldg San Fran 6 Cal (147)
Continental Steel Corp Kokomo Ind
E S Gaynor Sioux City 1 Ia
Gilbert & Bennett Mfg Co Blue Island Ill
Indiana Steel & Wire Co Muncie Ind
Jones & Laughlin Steel Corp Pittsburgh Pa
Keystone Steel & Wire Co Peoria Ill
Kitselman Bros Muncie Ind
Mid-States Steel & Wire Co Crawfordsville Ind
Northwestern Steel & Wire Co Sterling Ill
Pittsburgh Steel Co Pittsburgh Pa
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Sheffield Steel Corp Kansas City Mo
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
Standard Fence Co Oakland Cal
Tennessee Coal Iron & R R Co Birmingham Ala (147)
Wheeling Corrugating Co Wheeling W Va (34)
Wickwire Bros Inc Cortland N Y (20)
Wickwire Spencer Steel Co 500 Fifth Av NY NY (58)

FILERS—saw, band, circular, etc.

E C Atkins Co Indianapolis Ind
Covel Hanchett Co Big Rapids Mich
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
The Filer & Stowell Co Milwaukee 7 Wis
Foley Mfg Co Minneapolis Minn
Yates-American Mach Co Beloit Wis

FILES

E C Atkins & Co Indianapolis Ind
Carson-Newton Co Belleville N J
Chelsea File Wks Norwich Conn
Delta File Wks Inc Philadelphia 37 Pa
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
Excelsior Stove & Mfg Co Quincy Ill
Heller Bros Co Newark N J
Nicholson File Co Providence R I
Norvex File Co Cleveland O
Fayette R Plumb Inc Philadelphia Pa
Sandvik Saw & Tool Corp 47 Warren NY NY
Simonds Saw & Steel Co Fitchburg Mass (189)
Stokes Bros Mfg Co Freehold N J
Wright Bros Co Lisbon O

FILLER—crack

Acme White Lead & Color Wks 8250 St Aubin Av Detroit 11 Mich
Boyle-Midway Inc 257 Cornelison Av Jersey City 2 N J
Consumers Glue Co St Louis 18 Mo
M E Curtis Mfg Co Boston Mass
Donald Durham Co Des Moine Ia (219)
Farwell Ozmun Kirk & Co St Paul 1 Minn
The Foy Paint Co Inc Cincinnati 12 Ohio
Glidden Co Cleveland Ohio (12-13)
The R F Johnston Paint Co Cincinnati 12 Ohio
Lux-Visel Inc Elkhart Ind
The Marietta Paint & Color Co Marietta Ohio
The Reardon Co St Louis 6 Mo
Savogran Co Boston 10 Mass (19)
Schalk Chemical Co Los Angeles 12 Cal
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
Technical Supply Co 1911 University Av Palo Alto Cal

FILLER—wood

Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Breinig Brothers Inc 1st & Harrison Hoboken N J
Farwell Ozmun Kirk & Co St Paul 1 Minn
The Foy Paint Co Inc Cincinnati 12 Ohio
W P Fuller & Co 301 Mission San Fran 19 Cal
Glidden Co Cleveland Ohio (12-13)
Grand Rapids Varnish Corp 565 Godfrey Av S W Grand Rapids 2 Mich
The R F Johnston Paint Co Cincinnati 12 Ohio
The Marietta Paint & Color Co Marietta Ohio
Martin Senour Co 2520 Quarry Chgo Ill
Murphy Finishes Corp 224 McWhorter Newark 1 NJ
Sargent-Gerke Co Indianapolis 6 Ind
Technical Supply Co 1911 University Av Palo Alto Cal

FINANCING SERVICE

Allied Bldg Credits Inc St Paul 1 Minn (149)
Lawrence Warehouse Co WP Story Bldg Los Angeles Calif (105)

FIRE ESCAPES

Chas F Davy Co Syracuse N Y
The Edwards Mfg Co 427-477 Culvert Cincinnati Ohio
Logan Co Inc Louisville 6 Ky
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Chas Parker Co Meriden Conn
F P Smith Wire & Iron Wks 2346 N Clybourn Chgo Ill
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga

FIRE EXTINGUISHERS

American La France Foamite Corp Elmira N Y
Geo W Diener Mfg Co 400 N Monticello Av Chgo Ill
Elkhart Brass Mfg Co Elkhart Ind
Fyr-Fyter Co Dayton 1 O
International Fire Equip Corp 94 State Staten Island 10 N Y
Walter Kidde & Co Inc Belleville N J
Pyrene Mfg Co 560 Belmont Av Newark 8 NJ
Safety Fire Extinguisher Co 291 7th NY NY
D B Smith & Co Utica N Y
M L Snyder & Son Philadelphia Pa
Standard Extinguisher Co Boston Mass

FIREPLACE EQUIPMENT

Adams Co Dubuque Ia
The American Windshield & Specialty Co Milford Conn
Bennett-Ireland Norwich NY
Birmingham Stove & Range Co Birmingham Ala
Chattanooga Implement & Mfg Co Chattanooga Tenn
Colonial Fireplace Co 540 N Cicero Av Chgo 44 Ill
Cutter Mfg Co Charlestown Mass
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Heatilator Inc Syracuse N Y (155)
S M Howes Co Taunton Mass
Laurelton Fdry Co Laurelton Pa
Littlestown Hdwe & Fdry Co Littlestown Pa
Majestic Co Huntington Ind
Ohio Fdry & Mfg Co Steubenville O
Rostand Mfg Co Milford Conn
Rudiger Lang Co Berkeley Cal
Sheffield Mfg Co 119 W 25th NY NY
F P Smith Wire & Iron Wks 2346 N Clybourn Chgo Ill
Superior Fireplace Co Los Angeles 15 Cal (100)
A L Swett Iron Wks Medina N Y
Wayne Agricultural Wks Inc Goldsboro N C

FIREPLACE UNITS

Adams Co Dubuque Ia
Bennett-Ireland Norwich NY
Colonial Fireplace Co 540 N Cicero Av Chgo 44 Ill
H W Covert Co 339 E 48th NY NY
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Heatilator Inc Syracuse N Y (155)
Majestic Co Huntington Ind
The Readybuilt Products Co 1707 McHenry Baltimore 23 Md
Rudiger Lang Co Berkeley Cal
Superior Fireplace Co Los Angeles 15 Cal (100)

FIREPLACES—outdoor

Adams Co Dubuque Ia
Colonial Fireplace Co 540 N Cicero Av Chgo 44 Ill
H W Covert Co 339 E 48th NY NY
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Hancock Iron Wks Pontiac 14 Mich
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Rudiger Lang Co Berkeley Cal
Allen Selby Assoc 1836 Chase Ave Chgo Ill
Vermont Soapstone Co Perkinsville Vt

FIREPROOFING CHEMICALS—wood

Abrasive Products Inc South Braintree Mass
Albi Firepel Corp 9 Park Pl NY NY
American Lbr & Treating Co 332 S Mich Chgo 4 Ill (66)
Batavia & New York Wood Working Co Batavia N Y
Chesbro Whitman Co 3821 12 Long Island City N Y
De-Oxo-Lin Chemical Prod Inc Los Angeles Cal
E I DuPont de Nemours & Co Inc Wilmington Del
Grand Rapids Varnish Corp 565 Godfrey Av S W Grand Rapids 2 Mich
International Fireproof Prod Corp 2500 Park Av NY NY
Henry Klein & Co Inc 40 W 23 NY NY
Monsanto Chemical Co 1700 S Second St Louis 4 Mo
Protexol Corp Kenilworth N J (211)
Sloane & Moller 316 E 65 NY NY
W W Stanley Co 401 Broadway NY NY
George H Storm & Co Inc Park Av & 135 NY NY
Victor Chemical Wks 141 W Jackson Chgo Ill

FIXTURES—store display

Aurora Equipment Co Aurora Ill
W C Heller & Co Montpelier O
Lyon Metal Prod Inc Aurora Ill
Marvel Rack Mfg Co Minneapolis Minn
Multiplex Display Fixture Co St Louis Mo
Newman Bros Inc 660 W 4th Cincinnati 3 Ohio
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Segelke & Kohlhaus Co La Crosse Wis
Universal Equip Co 3401 W Division Chgo Ill

FLASHING—roof

American Asphalt Roof Corp Kansas City Mo
American Brass Co Waterbury Conn
American Steel & Wire Co Cleveland O (147)
Angier Corp Framingham Mass
Barrett Div Allied Chem & Dye Corp 40 Rector NY NY
Philip Carey Co Cincinnati 15 O (65)
Carnegie Ill Steel Corp Pittsburgh Pa

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Chase Brass & Copper Co Waterbury Conn
Cheney Metal Products Company Trenton 5 N J (98)
Continental Steel Corp Kokomo Ind
The Edwards Mfg Co 427-477 Culvert Cincinnati Ohio
Johns-Manville Corp 22 E 40th NY 16 NY
Klauer Mfg Co Dubuque Ia
Lehon Co 4425 S Oakley Chgo Ill
Milcor Steel Co So 41st & W Burnham Milwaukee 4 Wis
National Lead Co 111 Broadway NY NY
Penn Supply & Metal Corp Philadelphia Pa
Reilly Tar & Chemical Corp Indianapolis 4 Ind
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Republic Creosoting Co Indianapolis 4 Ind (196)
The Ruberoid Co 500 Fifth Av NY 18 NY (83)
The Sisalkraft Co 205 W Wacker Dr Chgo 6 Ill (101)
St Paul Corrugating Co St Paul Minn
W W Stanley Co 401 Broadway NY NY
Tennessee Coal Iron & R R Co Birmingham Ala (147)
Wasco Flashing Co Cambridge Mass
Wheeling Corrugating Co Wheeling W Va (34)

FLASHING—wall

American Asphalt Roof Corp Kansas City Mo
American Brass Co Waterbury Conn
American Steel & Wire Co Cleveland O (147)
Angier Corp Framingham Mass
Carnegie Illinois Steel Co Pittsburgh Pa
Chase Brass & Copper Co Waterbury 91 Conn
Cheney Metal Prod Co Trent 5 N J (98)
Johns-Manville Corp 22 E 40th NY 16 NY
Mid-States Steel & Wire Co Crawfordsville Ind
Milcor Steel Co So 41st & W Burnham Milwaukee 4 Wis
Minwax Co Inc 11 W 42nd NY NY
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
St Paul Corrugating Co St Paul Minn
W W Stanley Co 401 Broadway NY NY
Tennessee Coal Iron & R R Co Birmingham Ala (147)
Wheeling Corrugating Co Wheeling W Va (34)

FLASHING—window

Cheney Metal Products Company Trenton 5 N J (98)
Northwest Metal Prod Inc Seattle 4 Wash
St Paul Corrugating Co St Paul Minn

FLOOR SEALER

American Marietta Co 43 E Ohio Chgo 11 Ill
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Berry Bros Detroit Mich
E L Bruce Co Memphis Tenn (9)
Farwell Ozmun Kirk & Co St Paul 1 Minn
Grand Rapids Varnish Corp 565 Godfrey Av S W Grand Rapids 2 Mich
Minwax Co Inc 11 W 42nd NY NY
Porter Cable Mach Co Syracuse 8 NY
Pratt & Lambert Inc 75 Tonawanda Buffalo 7 NY
Sealcon Prod Inc 927 Second Av S Minneapolis 2 Minn
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Valentine & Co Inc 11 E 36th St NY 16 NY
Wadsworth Howland & Co 141 Federal Boston Mass
X-Pando Corp 43-15 36th Long Island City N Y

FLUE BASES

Chattanooga Implement & Mfg Co Chattanooga 6 Tenn

FLUE FLANGES

Adams Co Dubuque Ia
Chattanooga Implement & Mfg Co Chattanooga 6 Tenn
Columbia Pipe Co Columbia S C

FLUE LINING

Acme Brick Co Ft Worth Tex
California Pottery Co Niles Cal
Cannelton Sewer Pipe Co Inc Cannelton Ind
Chicago Fire Brick Co 1461 N Elston Chgo Ill
Columbia Pipe Co Columbia S C
Condensation Eng Corp 122 S Michigan Av Chgo Ill
S R Dee Bloomingdale Ind
Dennison Sewer Pipe Co Dennison Ohio
Denver Sewer Pipe & Clay Co Denver 1 Colo
W S Dickey Clay Mfg Co Kansas City Mo
Evans Pipe Co Uhrichsville O
Gladding-McBean & Co San Francisco Cal
Great Falls Brick Co Great Falls Mont
Ingram Richardson Mfg Co of Ind Inc Frankfort Ind
Laclede-Christy Clay Prod Co St Louis Mo
Lehigh Sewer Pipe & Tile Co Fort Dodge Ia
Owensboro Sewer Pipe Co Inc Owensboro Ky
Robinson Clay Prod Co Akron O
Universal Sewer Pipe Co Cleveland O
Washington Brick & Lime Co Spokane 8 Wash
What Cheer Clay Prod Co What Cheer Ia

FLUE RINGS

Adams Co Dubuque Ia
Chattanooga Implement & Mfg Co Chattanooga 6 Tenn
Columbia Pipe Co Columbia S C
Dennison Sewer Pipe Co Dennison Ohio
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Laclede-Christy Clay Prod Co St Louis Mo
Owensboro Sewer Pipe Co Inc Owensboro Ky
A L Swett Iron Wks Medina N Y
Wheeling Corrugating Co Wheeling W Va (34)

FORESTERS—consulting

George Drolet Tuscaloosa Ala
W D Durland & Co 502 Masonic Bldg New Orleans La
Thos F Grayson Prescott 5 Ark
The James Lacey Company 231 S La Salle St Chgo 4 Ill
Lemieux Bros Inc 410 Maritime Bldg New Orleans 12 La
James W Sewall Old Town Maine (220)
H M Spain & Co Commerce Title Bldg Memphis Tenn

FORKS—brick handling

Bradney Mach Co Inc Middletown N Y

FURNACES—floor

Coleman Lamp & Stove Co Wichita 1 Kan
H C Little Burner Co Inc 2nd & Lincoln San Rafael Cal
Payne Furnace & Supply Co Beverly Hills Cal
Round Oak Co Dowagiac Mich
Superior Fireplace Co Los Angeles 15 Cal (100)

FURNACES—gas fired

Coleman Lamp & Stove Co Wichita Kan
Des Moines Steel Furnace Co Des Moines Ia
Detroit Sheet Mtl Wks Detroit Mich
Estate Stove Co Hamilton O
Excelsior Stove & Mfg Co Quincy Ill
Meyer Furnace Co Peoria Ill
O'Keefe & Merritt Co Los Angeles Cal
Payne Furnace & Supply Co Beverly Hills Cal
Richmond Radiator Co 835 Fifth Av NY 17 NY
Superior Fireplace Co Los Angeles 15 Cal (100)

FUSE BOXES

Adams Electric Co St Louis Mo
All Steel Equip Co Inc Aurora Ill
Cole Elec Prod Co 43-06 Crescent Long Island City N Y
Colts Patent Fire Arms Mfg Co Hartford Conn
Columbia Metal Box Co 260 E 143rd St New York 51 N Y
Electrical Engineers Equip Co Melrose Park Ill
General Electric Co Apparatus & Merch Dept Bridgeport Conn
Gillette-Vibber Co New London Conn
F D Kees Mfg Co Beatrice Neb
Kirk & Blum Mfg Co Cincinnati O
Leonard Elec Mfg Co Cleveland O
Westinghouse Elec & Mfg Co 306 Fourth Av Pittsburgh 30 Pa
Wm Wurdack Elec Mfg Co St Louis Mo

FUSES

Bussmann Mfg Co St Louis Mo
Chase-Shawmut Co Newburyport Mass
Commercial Enclosed Fuse Co Hoboken N J
Economy Fuse & Mfg Co 2717 N Greenview Chgo Ill
General Electric Co Apparatus & Merch Dept Bridgeport Conn
Jefferson Elec Co Bellwood Ill
Kirkman Eng Corp 121 6th NY NY
Metropolitan Elec Mfg Co 22-50 Steinway Long Island City N Y
Royal Elec Co Inc Pawtucket R I
Star Fuse Co Inc 235 Canal NY NY
Trico Fuse Mfg Co Milwaukee Wis
U S Elec Mfg Corp 222 W 14th NY NY

GARAGES—prefabricated

Ivon R Ford Lbr Co McDonough N Y
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore

GARBAGE RECEPTACLES

Aberdeen Wood Prod Co Inc Montesano Wash
Adams Co Dubuque Ia
Geo W Diener Mfg Co 400 N Monticello Av Chgo Ill
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Eastern Can Co East Boston Mass
Excelsior Stove & Mfg Co Quincy Ill
Gabriel Steel Co Detroit Mich
Geuder Paeschke & Frey Co Milwaukee Wis
Houston Blow Pipe & Sheet Mtl Wks Houston Tex (28)
Ideal Can Co Everett 49 Mass
Lynn Iron Fdry Inc Lynn Mass
The Majestic Co Huntington Ind
Nat'l Can Corp 110 E 42nd NY NY
Reeves Steel & Mfg Co Dover Ohio
Rudiger Lang Co Berkeley Cal
Sanitary Receiver Co Dunkirk N Y
Sexton Can Co Everett Mass
A L Swett Iron Wks Medina N Y

GATES—farm

American Chain Link Fence Co Medford Mass
American Steel & Wire Co Cleveland O (147)
Anchor Post Fence Co Baltimore Md
Bethlehem Steel Co Bethlehem Pa
Clay Equipment Corp Cedar Falls Ia
Continental Steel Corp Kokomo Ind
Cyclone Fence Div American Steel & Wire Co P O Box 260 Waukegan 1 Ill
Franklin Equipment Co Monticello Ia
Hicks Gate Co Fredericktown O
Indiana Steel & Wire Co Muncie Ind
Keystone Steel & Wire Co Peoria Ill
Kitselman Bros Muncie Ind
Mason Fence Co Leesburg O
Mid-States Steel & Wire Co Crawfordsville Ind
Northwestern Steel & Wire Co Sterling Ill
Pittsburgh Steel Co Pittsburgh Pa
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Rowe Mfg Co Galesburg Ill
Sheffield Steel Corp Kansas City Mo
Standard Mfg Co Cedar Falls Ia
Starline Inc Harvard Ill
Tennessee Coal Iron & R R Co Birmingham Ala (147)
Weyerhaeuser Sales Co St Paul Minn

GATES—industrial & residential

American Chain Link Fence Co Medford Mass
American Steel & Wire Co Cleveland O (147)
Anchor Post Fence Co Baltimore 24 Md
Cincinnati Iron Fence Co Inc 4149 Spring Grove Ave Cincinnati 23 Ohio
Continental Steel Corp Kokomo Ind
Cyclone Fence Div American Steel & Wire Co P O Box 260 Waukegan 1 Ill
Flour City Ornamental Iron Co Minneapolis Minn
Keystone Steel & Wire Co Peoria Ill
Logan Co Inc Louisville 6 Ky

Number in parenthesis indicates page on which advertisement appears

Mid-States Steel & Wire Co Crawfordsville Ind
Northwestern Steel & Wire Co Sterling Ill
Pittsburgh Steel Co Pittsburgh Pa
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
Stewart Iron Wks Co Inc Cincinnati O
Tennessee Coal Iron & Railroad Co Birmingham Ala (147)
Wheeling Corrugating Co Wheeling W Va (34)
Wickwire Spencer Steel Co 500 5th Av NY NY (58)

GAUGES

E C Atkins & Co Indianapolis 9 Ind
Covel Hanchett Co Big Rapids Mich
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa

GENERATING SETS—steam, electric

Allis Chalmers Mfg Co Milwaukee Wis
Buda Co Harvey Ill
Caterpillar Tractor Co Peoria Ill
Diehl Mfg Co Finderne Plant Somerville N J
Fairbanks Morse & Co 600 S Michigan Chgo Ill (24)
The Filer & Stowell Co Milwaukee 7 Wis
B F Sturtevant Co Boston Mass
Westinghouse Elec & Mfg Co 306 Fourth Av Pittsburgh 30 Pa

GLASS—ornamental

Conrey-Prugh Glass Co Pittsburgh Pa
Libbey-Owens-Ford Glass Co Toledo O (81)
The Nurre Cos Inc Bloomington Ind
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (99)

GLASS—plate

Semon Bache & Co 636 Greenwich NY NY
Conrey-Prugh Glass Co Pittsburgh Pa
Dearborn Glass Co 2414 W 21st Chgo Ill
Libbey-Owens-Ford Glass Co Toledo O (81)
Mississippi Glass Co 200 5th Av NY 10 NY
The Nurre Cos Inc Bloomington Ind
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (99)

GLASS—structural

Conrey-Prugh Glass Co Pittsburgh Pa
Libbey-Owens-Ford Glass Co Toledo O (81)
Marietta Mfg Co Indianapolis Ind
Mississippi Glass Co 200 5th Av NY 10 NY
The Nurre Cos Inc Bloomington Ind
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (99)
Royal Glass Wks Corp 50-20 25th Long Island City N Y

GLASS—window

American Glass Co Detroit Mich
American Window Glass Co Pittsburgh Pa
Semon Bache & Co 636 Greenwich NY NY
Blackford Window Glass Co Vincennes Ind
Conroy-Prugh Glass Co Pittsburgh Pa
Dearborn Glass Co 2414 W 21st Chgo Ill
Farley & Loetscher Mfg Co Dubuque Iowa
Fourco Glass Co Clarksburg W Va
Harding Glass Co Fort Smith Ark
L J Houze Convex Glass Co Point Marion Pa
Huttig Sash & Door Co St Louis Mo
Johnston Glass Co Hartford City Ind
Libbey-Owens-Ford Glass Co Toledo O (81)
The Nurre Cos Inc Bloomington Ind
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (99)
Rolland Glass Co Clarksburg W Va
Royal Glass Wks Corp 50-20 25th St Long Island City 1 N Y
Safetee Glass Co Philadelphia Pa
Toledo Plate & Window Glass Co Toledo O

GLASS—window, wire

Conrey-Prugh Glass Co Pittsburgh Pa
Dearborn Glass Co 2414 W 21st Chgo Ill
Libbey-Owens-Ford Glass Co Toledo O (81)
Mississippi Wire Glass Co 220 Fifth Av NY NY
Pennsylvania Wire Glass Co Philadelphia Pa
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (99)

GLASS CUTTING BOARDS

Glaziers Tool Mfg Co 611 W Adams Chgo Ill
W C Heller & Co 539 N Clark St Montpelier Ohio
Lufkin Rule Co Saginaw Mich
Warner Mfg Co 801 16th Av SE Minneapolis 14 Minn

GLASS SUBSTITUTE

Allen Bros Inc Omaha Neb.
Arvey Corp 3472 N Kimball Chicago 18 Ill (64)
Celanese Celluloid Corp 180 Madison Av NY 18 NY
Clay Equipment Corp Cedar Falls Ia
E I du Pont de Nemours & Co Inc Wilmington Del
Flex-O-Glass Mfg Co 1104 N Cicero Av Chgo Ill (2)
Sol-O-Lite Mfg Co 4301 West North Av Chgo Ill (82)

GLAZING COMPOUND

Armstrong Co 4065 S La Salle Chgo 9 Ill (96)
Baker Paint & Varnish Co Jersey City N J
Biddle Co St Louis 2 Mo
Black Swan Mfg Co 2235 W Grand Av Chgo Ill
Calbar Paint & Varnish Co 2612 N Martha Phil 25 Pa
Chemical Supply Co 225 Plymouth Bldg Cleveland 15 Ohio
Fort Pitt Chem Co Pittsburgh 22 Pa
A C Horn Co 43-42 Tenth St Long Is-
Lastik Products Co Inc Pittsburgh Pa
Macklanburg-Duncan Co Oklahoma City 1 Okla (97)
Mar-Kay Mfg Co 2715 S Second St St Louis Mo
Miller Rubber Industrial Prod Div of The B F Goodrich Co Akron Ohio
Plastic Prod Co 6475 Georgia Av Detroit 11 Mich
Sheboygan Paint Co Inc Sheboygan Wis
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
X-Pando Corp Long Island City NY

GLOVES—industrial

Broadway Rubber Mfg Co 529 E Broadway Louisville 2 Ky
Industrial Glove Co Danville Ill
Miller Rubber Industrial Prod Div of The B F Goodrich Co Akron Ohio
Olympic Glove Co 97 Madison Av NY NY
Peerless Glove Co Grand Haven Mich
Pioneer Rubber Co Willard O (90)
Seiberling Latex Prod Co Barberton O
Spartan Glove Co Dayton O

GLUE—animal

Armour Glue Wks 1355 W 31st Chgo Ill
Consumers Glue Co St Louis Mo
Peter Cooper Corp Gowanda N Y
Cudahy Packing Co Anchor Glue Div 221 N LaSalle Chgo Ill
H B Fuller Co 255 Eagle St Paul 2 Minn
C B Hewitt & Bros Inc 23 Green NY 13 NY
Keystone Glue Co Williamsport Pa
Le Page's Inc Gloucester Mass
Paisley Prod Inc 1770 Canalport Av Chgo 16 Ill
Tamms-Silica Co 228 N La Salle Chgo 1 Ill

GLUE—animal hide

Armour Glue Wks 1355 W 31st Chgo Ill
Peter Cooper Corp Gowanda N Y
Franklin Glue Co Columbus O
H B Fuller Co 255 Eagle St Paul 2 Minn
C B Hewitt & Bros Inc 23 Green NY 13 NY
Keystone Glue Co Williamsport Pa
Le Page's Inc Gloucester Mass
Madison Glue Corp 53 Park Pl NY 7 NY
Chas A Schieren Co 30-38 Ferry NY 7 NY

GLUE—casein

American Cyanimid & Chem Co 300 Rockefeller Plaza NY NY
Casein Co of America 350 Madison Av NY NY (116)
Consumers Glue Co St Louis 18 Mo
H B Fuller Co 255 Eagle St Paul 2 Minn
C B Hewitt & Bros Inc 23 Green NY 13 NY
Lacton Glue Mfg Co 611 Broadway NY NY
Le Page's Inc Gloucester Mass
Monite Waterproof Glue Co Minneapolis Minn
Monsanto Chemical Co 1700 S Second St Louis 4 Mo
National Casein Sales 601 W 80th Chgo 20 Ill
Perkins Glue Co Lansdale Pa
Tamms-Silica Co 228 N La Salle Chgo 1 Ill

GLUE—cold water

Casein Co of America 350 Madison Av NY 17 NY (116)
H B Fuller Co 255 Eagle St Paul 2 Minn
C B Hewitt & Bros Inc 23 Green NY 13 NY
Le Page's Inc Gloucester Mass
Monite Waterproof Glue Co Minneapolis Minn
Monsanto Chemical Co 1700 S Second St Louis 4 Mo
National Casein Sales 601 W 80th Chgo 20 Ill
Paisley Prod Inc 1770 S Canalport Chgo Ill
Perkins Glue Co Lansdale Pa
Tamms-Silica Co 228 N La Salle Chgo 1 Ill

GLUE—fish

L B Allen Co Inc 6722 Bryn Mawr Av Chgo Ill
H B Fuller Co 255 Eagle St Paul 2 Minn
C B Hewitt & Bros Inc 23 Green NY 13 NY
Le Page's Inc Gloucester Mass
Nat'l Adhesive Corp 820 Greenwich NY NY
Paisley Products Inc 1770 S Canalport Chgo Ill
Standard Paste & Glue Co 3620 W 38th Chgo Ill
Williamson Adhesives Inc 2327 W 18th Chgo Ill

GLUE—resin

American Cyanimid & Chem Co 300 Rockefeller Plaza NY NY
Armour Glue Wks 1355 W 31st Chgo Ill
Casein Co of America 350 Madison Av NY NY (116)
Catalin Corp 1 Park Av NY 16 NY
Peter Cooper Corp Gowanda N Y
Durite Plastics Inc 5000 Summerdale Av Philadelphia 24 Pa
H B Fuller Co 255 Eagle St Paul 2 Minn
C B Hewitt & Bros Inc 23 Green NY 13 NY
Le Page's Inc Gloucester Mass
Monsanto Chemical Co 1700 S Second St Louis 4 Mo
Nat'l Adhesives Div Nat'l Starch Prod Inc 820 Greenwich NY NY
National Casein Sales 601 W 80th Chgo 20 Ill
Perkins Glue Co Lansdale Pa
Resinous Prod & Chem Co Inc Philadelphia Pa
U S Plwood Corp 55 W 44th NY NY (36)

GLUE—waterproof

Casein Co of America 350 Madison Av NY 17 NY (116)
H B Fuller Co 255 Eagle St Paul 2 Minn
C B Hewitt & Bros Inc 23 Green NY 13 NY
I F Laucks Inc 911 Western Av Seattle 4 Wash
Le Page's Inc Gloucester Mass
Monite Waterproof Glue Co Minneapolis Minn

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Monsanto Chemical Co 1700 S Second St Louis 4 Mo
National Casein Sales 601 W 80th Chgo 20 Ill
Paisley Prod Inc 1770 Canalport Av Chgo 16 Ill
Perkins Glue Co Lansdale Pa
Resinous Prod & Chem Co Inc Philadelphia Pa
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
United States Plywood Corp 55 West 44th NY NY (36)
Williamson Adhesives Inc 2327 W 18th Chgo Ill

GLUE POTS

Black & Decker Mfg Co Towson 4 Md
Brannon Inc Detroit Mich
Chas E Francis Co Rushville Ind
Frazer Paint Co Detroit Mich
Oliver Machinery Co Grand Rapids 2 Mich
Sta-Warm Electric Co Ravenna O
Harold E Trent Co Philadelphia Pa
A H Waage 125 Church NY NY
J D Wallace & Co 153 S California Av Chgo 12 Ill
Westinghouse Elec & Mfg Co 306 Fourth Av Pittsburgh 30 Pa

GLUE SPREADERS

Nels J Billstrom Inc Rockford Ill
Chas R Francis Co Rushville Ind
Frazer Paint Co Detroit Mich
Monsanto Chemical Co 1700 S Second St Louis 4 Mo
Oliver Machinery Co Grand Rapids 2 Mich
Perkins Glue Co Lansdale Pa

GRATES—area

Adams Co Dubuque Ia
Cincinnati Iron Fence Co Inc 4149 Spring Grove Ave Cincinnati 23 Ohio
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Logan Co Inc Louisville 6 Ky
Geo L Mesker & Co Evansville 8 Ind
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal

GRATES—boiler

Adams Co Dubuque Ia
Corinth Machinery Co Corinth Miss (195)
The Filer & Stowell Co Milwaukee 7 Wis
Kewanee Boiler Corp Kewanee Ill
Lookout Boiler & Mfg Co Chattanooga Tenn
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
National Radiator Co 221 Central Av Johnstown Pa

GRILLES—outdoor cooking

The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Hancock Iron Wks Pontiac 14 Mich
Heatilator Inc Syracuse N Y (155)
Majestic Co Huntington Ind
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
Stewart Iron Wks Co Inc Cincinnati O
Superior Fireplace Co Los Angeles Cal (100)

GRILLES—radiator

American Radiator & Standard Sanitary Corp 40 W 40th NY NY
Auer Register Co Cleveland O
Flour City Ornamental Iron Co Minneapolis Minn
Logan Co Inc Louisville Ky
Majestic Co Huntington Ind
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Newman Bros Inc 660 W 4th Cincinnati 3 Ohio
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Stewart Iron Wks Co Inc Cincinnati O
United States Radiator Corp Detroit Mich
Wickwire-Spencer Steel Co 500 Fifth Av NY NY (58)

GRILLES—screen door

Brown Fence Co Chattanooga Tenn
Chamberlin Company of America Detroit Mich
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Flour City Ornamental Iron Co Minneapolis Minn
Logan Co Inc Louisville Ky
Macklanburg-Duncan Co Oklahoma City 1 Okla (97)
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Protex Weatherstrip Mfg Co 4500 S Western Chgo Ill (11)
John A Roebling's Sons Co Trenton N J
F P Smith Wire & Iron Wks 2346 N Clybourn Chgo Ill
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
Youngstown Manufacturing Inc 66 S Prospect Youngstown 6 Ohio

GRINDERS—band wheel

Covel Hanchett Co Big Rapids Mich
The Filer & Stowell Co Milwaukee 7 Wis
Porter Cable Mach Co Syracuse 8 NY
Prescott Co Menominee Mich

GRINDERS—bench & floor

Baldor Electric Co St Louis Mo
Black & Decker Mfg Co Towson 4 Md
Champion Blower & Forge Co Lancaster Pa
Cincinnati Electrical Tool Co Cincinnati O
Clizbe Bros Mfg Co Plymouth Ind
Diehl Mfg Co Finderne N J
Double A Products Co Inc Manchester Mich
Forbes & Myers Worcester 8 Mass
Independent Pneumatic Tool Co 600 W Jackson Chgo 6 Ill
Kingston-Conley Electric Co North Plainfield N J
Luther Grinder & Tool Co Sheboygan Wis
Mall Tool Co 7733 S So Chicago Av Chgo Ill (191)
Millers Falls Co Greenfield Mass
Nat'l Sewing Machine Co Belvidere Ill
Porter Cable Mach Co Syracuse 8 NY
Schauer Machine Co Cincinnati O
Skilsaw Inc 5033 N Elston Av Chgo Ill
Speedway Mfg Co 1834 S 52nd Av Cicero Ill
Standard Electric Tool Co Cincinnati O
Stanley Electric Tools 111 Elm New Britain Conn (87)
U S Electrical Tool Co Cincinnati 14 O
Van Norman Machine Tool Co Springfield Mass
Vonnegut Moulder Corp Indianapolis Ind
Walker-Turner Co Inc Plainfield N J
Wisconsin Abrasive Co Milwaukee Wis

GRINDERS—cutter head

Stetson-Ross Mach Co Seattle 4 Wash (113)
Samuel J Shimer & Sons Inc Milton Pa (199)
Wilkin-Challoner Co Oshkosh Wis
S A Woods Mach Co Boston 10 Mass (104)

GRINDERS—electric portable

Black & Decker Mfg Co Towson 4 Md
Chicago Wheel & Mfg Co 1101 W Monroe Chgo Ill
Dremel Mfg Co Racine Wis
Dumore Co Racine Wis
Independent Pneumatic Tool Co 600 W Jackson Chgo 6 Ill
Mall Tool Co 7733 S So Chicago Av Chgo Ill (191)
Porter Cable Mach Co Syracuse 8 NY
Pratt & Whitney West Hartford Conn
Skilsaw Inc 5033 N Elston Av Chgo Ill
Speedway Mfg Co 1834 S 52nd Av Cicero Ill
Stanley Electric Tools 111 Elm New Britain Conn (87)
U S Elec Tool Co Cincinnati O
Wodack Electric Tool Corp 4627 Huron Chgo 44 Ill

GRINDERS—knife

American Sawmill Machinery Co Hackettstown N J
Covel Hanchett Co Big Rapids Mich
S A Woods Mach Co Boston 10 Mass (104)
Yates-American Machine Co Beloit Wis

GRINDERS—oil stone

Carborundum Co Niagara Falls NY
Oliver Machinery Co Grand Rapids 2 Mich
J D Wallace & Co 153 S California Av Chgo 12 Ill

GRINDING COMPOUND

Carborundum Co Niagara Falls N Y
Clover Mfg Co Norwalk Conn
Wayne Chemical Products Co Detroit Mich
Zip Abrasive Co Cleveland O

GRINDING WHEELS

Abrasive Co Div of Simonds Saw & Steel Co Tacony & Fraley Sts Philadelphia 37 Pa (189)
Abrasive Products Inc South Braintree Mass
American Emery Wheel Wks Providence 1 R I
E C Atkins & Co Indianapolis 9 Ind
Behr-Manning Corp Troy N Y
Bridgeport Safety Emery Wheel Co Bridgeport Conn
Carborundum Co Niagara Falls N Y
Chicago Wheel & Mfg Co 1101 W Monroe Chgo Ill
Cortland Grinding Wheels Corp Chester Mass
General Hdwe Corp Milwaukee Wis
Goodrich Grinding Wheel Co 1500 W Madison Chgo Ill
Independent Pneumatic Tool Co 600 W Jackson Chgo 6 Ill
Luther Grinder & Tool Co Sheboygan Wis
Macklin Co Jackson Mich
Mall Tool Co 7733 S So Chicago Av Chgo Ill (191)
Manhattan Rubber Mfg Div Raybestos Manhattan Inc Passaic NJ
Mid-West Abrasive Co Detroit Mich
Safety Grinding Wheel & Machine Co Springfield O
Sterling Grinding Wheel Co Tiffin O
United States Rubber Co 1230 5th Av NY NY
Vitrified Wheel Co Westfield Mass
Wisconsin Abrasive Co Milwaukee Wis

GROOVERS

Anson Whitney Mach Co Hartford Conn
Ekstrom, Carlson & Coe Rockford Ill
Huther Bros Saw Mfg Co Inc Rochester 7 NY (193)
Wodack Elec Tool Corp 4627 W Huron Chgo Ill

GUMMERS—saw

W T Adams Mach Co Corinth Miss
E C Atkins & Co Indianapolis Ind
Clizbe Bros Mfg Co Plymouth Ind
Covel Hanchett Co Big Rapids Mich
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
The Filer & Stowell Co Milwaukee 7 Wis
Foley Mfg Co Minneapolis Minn
Prescott Co Menominee Mich
Samuel C. Rogers & Co Buffalo N Y

GUNS—caulking

Calbar Paint & Varnish Co 2612 N Martha Phil 25 Pa
Central Div Co & Weatherseal Shingle Panels 221 N La Salle Chgo 1 Ill
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Electric Sprayit Co Sheboygan Wis
Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
Fort Pitt Chem Co Pittsburgh 22 Pa
A C Horn Co 43-42 Tenth St Long Island City N Y
Kenmar Mfg Co Phil Pa
Lastik Products Co Pittsburgh Pa
Macklanburg-Duncan Co Oklahoma City 1 Okla (97)
Minwax Co Inc 11 W 42nd NY NY
Pecora Paint Co Inc Philadelphia Pa
Protex Weatherstrip Mfg Co 4500 S Western Chgo Ill (1))
Ridgely Trimmer Co Springfield Ohio
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
Tamms-Silica Co 228 N La Salle Chgo 1 Ill

GUNS—spray

Alemite Corp 1828 W Diversey Chgo Ill
Binks Mfg Co 3114 Carroll Av Chgo 12 Ill
Crown Spray Gun Mfg Co Los Angeles Cal
The DeVilbiss Company 300 Phillips Av Toledo 1 Ohio
Eclipse Air Brush Co Inc Newark N J
Electric Sprayit Co Sheboygan Wis
Gast Mfg Co Benton Harbor Mich

Number in parenthesis indicates page on which advertisement appears

MacLeod Co Cincinnati O
Paasche Airbrush Co 1909 W Diversey Chgo Ill
Saylor-Beall Mfg Co 1501 E Philadelphia Detroit 11 Mich
Sharp Mfg Co 1224 Wall Los Angeles 15 Cal
Simons Paint Spray Brush Co Dayton O
Wendell Mfg Co 4234 N Lincoln Av Chgo 18 Ill

GUTTERS—wood

Aloha Lumber Co Aloha Wash
Dolbeer & Carson Lbr Co San Francisco Cal
Hammond Lumber Co 417 Montgomery San Fran Cal
Holmes-Eureka Lbr Co San Francisco Cal
Wm Hulbert Mill Co Everett Wash
Long-Bell Lbr Co Kan City Mo
Long Fir Gutter Co Cadiz O
Union Lbr Co San Francisco Cal
Washington Mfg Co Tacoma 1 Wash
Weyerhaeuser Sales Co St Paul Minn

GYPSUM PRECAST SLABS

Certain-teed Prod Corp 120 S La Salle Chgo 3 Ill (25)
United States Gypsum Co 300 W Adams Chgo Ill (59)

HAMMERS—claw, carpenter, etc.

American Fork & Hoe Co Cleveland O
Billings & Spencer Co Hartford Conn
Champion-De Arment Tool Co Meadville Pa
Estwing Mfg Co Rockford Ill
Fairmont Tool & Forging Co 10611 Quincy Av Cleveland Ohio
Heller Bros Co Newark N J
Hubbard & Co 6301 Butler St Pittsburgh 1 Pa
Mephisto Tool Co Inc Hudson NY
P & C Forged Tool Co Portland Ore
Peck Stow & Wilcox Co Southington Conn
Phoenix Hdwe Mfg Co Buffalo N Y
Fayette R Plum Inc Phil Pa
The Stanley Works New Britain Conn (87)
Vaughan & Bushnell Mfg Co 135 S La Salle Chgo Ill

HAMMERS—portable electric

Black & Decker Mfg Co Towson 4 Md
Chicago Pneumatic Tool Co 6 E 44th NY NY
Independent Pneumatic Tool Co 600 W Jackson Chgo 6 Ill
Mall Tool Co 7733 S So Chicago Av Chgo Ill (191)
Millers Falls Co Greenfield Mass
Milwaukee Electrical Tool Corp Milwaukee Wis
Speedway Mfg Co 1834 S 52nd Av Cicero Ill
Stanley Electric Tools 111 Elm New Britain Conn 87
Syntron Co Homer City Pa
Wodack Electric Tool Corp 4627 W Huron Chgo Ill

HAMMERS—saw setting

American Fork & Hoe Co Cleveland O
E C Atkins & Co Indianapolis Ind
Covel Hanchett Co Big Rapids Mich
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
Simonds Saw & Steel Co Fitchburg Mass (189)
Vaughan & Bushnell Mfg Co 135 S La Salle Chgo Ill

HAMMERS—self-feeding

Bostitch Inc East Greenwich R I

HANDLES—carpenter tool

American Fork & Hoe Co Cleveland O
Englewood Dowel Co Inc Merchandise Mart Chgo 54 Ill
E B Estes & Sons Inc 155 E 44th NY NY
Greenslate Mfg Co Rich Hill Mo
S A Healy's Sons West Chesterfield Mass
Marion Handle Mills Inc Marion Va
Simonds Saw & Steel Co Fitchburg Mass (189)
L W Strock & Co Bethlehem Pa

HANGERS—joist & timber

Adams Co Dubuque Ia
Cleveland Steel Spec Corp Cleveland O
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Duplex Hanger Co Div Consolidated Iron Steel Mfg Co Cleveland O
Gabriel Steel Co Detroit 12 Mich
Ideal Hanger Co 1272 E 53rd Cleveland 14 Ohio (86)
Isaacson Iron Wks Seattle Wash
Kelly O'Leary Steel Wks 5767 W 65th Chgo Ill
Lanebro Mfg Co Poughkeepsie N Y
Lane Joist Hanger Co Baltimore Md
Logan Co Inc Louisville 6 Ky
McDougall & Potter Co Rider Av & 141st NY NY
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal

HANGERS—pipe & cabinet

Carpenter & Paterson Inc 1190 Bennington East Boston 28 Mass
Crawford Co 3220 W 31st Chgo Ill
Fee & Mason Mfg Co 81 Beekman NY NY
Ford & Kendig Co Phil Pa
Grabler Mfg Co Cleveland O
Grinnell Co Providence R I
Hubbard & Co 6301 Butler St Pittsburgh 1 Pa
Illinois Malleable Iron Co 1801 Diversey Pkwy Chgo Ill
Chas O Larson Co Sterling Ill
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Paine Co 2951 Carroll Av Chgo 12 Ill
Signode Steel Strapping Co 2635 N Western Av Chgo Ill
P Wall Mfg Supply Co Pittsburgh Pa
Walworth Co 60 E 42nd NY NY

HANGERS & TRACK—door

Allith-Prouty Inc Danville Ill
Coburn Trolley Track Co Holyoke Mass
Franklin Equipment Co Monticello Ia
Frantz Mfg Co Sterling Ill (74)
Knape & Vogt Mfg Co Grand Rapids Mich
Lanebro Mfg Co Poughkeepsie N Y
Lawrence Bros Sterling Ill
Louden Mach Co Fairfield Ia
McKinney Mfg Co Pittsburgh Pa
Nat'l Mfg Co Sterling Ill
Richards-Wilcox Mfg Co Aurora Ill
Sargent & Co New Haven Conn
The Stanley Works New Britain Conn (87)
Starline Inc Harvard Ill
Wagner Mfg Co Cedar Falls Ia
Yale & Towne Mfg Co Phil Pa

HARDWARE—bin swing

Ritsche Specialty Mfg Co St Cloud Minn

HARDWARE—bridge

Lewis Bolt & Nut Co Minneapolis 14 Minn

HARDWARE—cabinet

American Cabinet Hdwe Corp Rockford Ill (53)
Austin & Eddy Inc P O Box 1504 Boston 4 Mass
Champion Hdwe Co Geneva O
Cleveland Lock Wks Div Consolidated Iron Steel Mfg Co 1283 E 53rd Cleveland 14 Ohio (96)
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
Griffin Mfg Co Erie Pa
Sharon Hdwe Mfg Co Sharon Pa
H S Getty & Co Inc Phil Pa
Lafayette Metal Products Co Oakland Cal.
Lawrence Bros Sterling Ill
Lockwood Hdwe Mfg Co Fitchburg Mass
McKinney Mfg Co Pittsburgh Pa
Nat'l Brass Co Grand Rapids 2 Mich
Nat'l Lock Co Rockford Ill (102)
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdwe Co Lancaster Pa
The Stanley Works New Britain Conn (87)
Yale & Towne Mfg Co Stamford Conn

HARDWARE—casement

Austin & Eddy Inc P O Box 1504 Boston 4 Mass
Casement Hdwe Co 404 N Wood Chgo
P & F Corbin New Britain Conn
Erco Mfg Co 4010 W Montrose Av Chgo Ill
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
Grant Pulley & Hdwe Co 33-36 57th Woodside L I N Y
Griffin Mfg Co Erie Pa
Lawrence Bros Sterling Ill
Lockwood Hdwe Mfg Co Fitchburg Mass
National Brass Co Grand Rapids Mich
National Mfg Co Sterling Ill
Reading Hdwe Corp Reading Pa
Richards-Wilcox Mfg Co Aurora Ill
Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdwe Co Lancaster Pa
Sargent & Co New Haven Conn
Sharon Hdwe Mfg Co Sharon Pa
Shelby Spring Hinge Co Shelby O
Sterling Hdwe Mfg Co 2341 Nelson
Yale & Towne Mfg Co Stamford Conn

HARDWARE—clothes closet

Fiwale Equipment Mfg Co 165 Church NY 7 NY
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
Russell & Erwin Mfg Co New Britain Conn (181)
The Stanley Works New Britain Conn (87)

HARDWARE—concrete forms

M & M Wire Clamp Co 983-17th Av S E Minneapolis 14 Minn
Williams Form Eng Corp Grand Rapids 7 Mich

HARDWARE—overhead door type

Allith-Prouty Inc Danville Ill
Barber-Colman Co Rockford Ill
Coburn Trolley Track Co Holyoke Mass
Crawford Door Co Detroit Mich
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
Holmes Mfg Co Los Angeles Cal
Lawrence Bros Sterling Ill
Louden Mach Co Fairfield Ia
National Mfg Co Sterling Ill
Phenix Mfg Co Milwaukee Wis
Richards-Wilcox Mfg Co Aurora Ill
The Stanley Works New Britain Conn (87)
Starline Inc Harvard Ill

HARDWARE—plastic, handles & knobs only

Champion Hdwe Co Geneva O
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Imperial Molded Prod Corp Chgo 12 Ill
Lockwood Hdw Mfg Co Fitchburg Mass
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Yale & Towne Mfg Co Stamford Conn

HARDWARE—sliding, folding garage

Allith-Prouty Inc Danville Ill
Coburn Trolley Track Co Holyoke Mass
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
Harris Preble Fire Doors Inc 4608-14 W 20th Cicero 50 Ill
Lawrence Bros Sterling Ill
Louden Mach Co Fairfield Ia
McKinney Mfg Co Pittsburgh Pa
National Mfg Co Sterling Ill
The Ney Mfg Co 948 High Av S W Canton 4 Ohio
Richards-Wilcox Mfg Co Aurora Ill
Russell & Erwin Mfg Co New Britain Conn (181)
Sargent & Co New Haven Conn
Sharon Hdwe Mfg Co Sharon Pa
The Stanley Works New Britain Conn (87)
Starline Inc Harvard Ill
Wagner Mfg Co Cedar Falls Ia

HARDWARE—storm sash & screen

Austin & Eddy Inc P O Box 1504 Boston 4 Mass
Bommer Spring Hinge Co 263 Classon Ave Brooklyn N Y
Champion Hdwe Co Geneva O
Chgo Spring Hinge Co 1500 Carroll Av Chgo Ill
Cleveland Lock Wks Div Consolidated Iron Steel Mfg Co 1283 E 53rd Cleveland 14 Ohio (96)
P & F Corbin New Britain Conn

Number in parenthesis indicates page on which advertisement appears

Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdwe Co Lancaster Pa
Sargent & Co New Haven Conn
Sharon Hdwe Mfg Co Sharon Pa
Yale & Towne Mfg Co Stamford Conn

HASPS—hinge

Champion Hdwe Co Geneva O
P & F Corbin New Britain Conn
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
H S Getty & Co Inc Phil Pa
Griffin Mfg Co Erie Pa
C Hager & Sons Hinge Mfg Co St Louis Mo
Lafayette Metal Products Co Oakland Cal
Lawrence Bros Sterling Ill
Master Lock Co Milwaukee Wis
McKinney Mfg Co Pittsburgh Pa
Natl Mfg Co Sterling Ill
Plume & Atwood Mfg Co Waterbury Conn
Richards-Wilcox Mfg Co Aurora Ill
Safe Padlock & Hdwe Co Lancaster Pa
Sargent & Co New Haven Conn
Sharon Hdwe Mfg Co Sharon Pa
The Stanley Wks New Britain Conn (87)
Wagner Mfg Co Cedar Falls Ia

HAUL-UPS—log

Allis Chalmers Mfg Co Milwaukee Wisc
American Sawmill Mchy Co Hackettstown N J
Broderick & Bascom Rope Co St Louis Mo
Chain Belt Co Milwaukee Wis
The Filer & Stowell Co Milwaukee 7 Wis
Hyster Co Portland 8 Ore
Jeffrey Mfg Co Columbus 16 O
Lidgerwood Mfg Co Elizabeth N J
Link Belt Co 307 N Michigan Av Chgo
Prescott Co Menominee Mich

HEATERS—concrete

Aeroil Burner Co Inc West New York N J
Hauck Mfg Co 126 10th Brooklyn N Y
MacLeod Co Cincinnati O
Unique Mfg Co Inc 221 W Walton Chgo Ill

HEATERS—gas

Chrysler Corporation Airtemp Division Dayton 1 Ohio
Detroit Sheet Mtl Wks Detroit Mich
Excelsior Stove & Mfg Co Quincy Ill
Payne Furnace & Supply Co Beverly Hills Cal

HEATERS—oil

Automatic Burner Corp 1823 W Carroll Chgo 12 Ill
Chrysler Corporation Airtemp Division Dayton 1 Ohio
Coleman Lamp & Stove Co Wichita Kan
Detroit Sheet Mtl Wks Detroit Mich
Excelsior Stove & Mfg Co Quincy Ill
A J Lindemann & Hoverson Co 601 W Cleveland Av Milwaukee 7 Wis
H C Little Burner Co Inc 2nd & Lincoln San Rafael Cal
Harvey Whipple Inc Springfield Mass
York-Shipley Inc York Pa

HEATERS—portable electric

Alliance Mfg Co Alliance O
Chgo Flexible Shaft Co 5600 Roosevelt Rd Chgo Ill
Excelsior Stove & Mfg Co Quincy Ill
General Electric Co Apparatus & Merch Dept Bridgeport Conn
Hot-Glow Electric Mfg Co Buffalo N Y
Knapp-Monarch Co St Louis Mo
Metal Ware Corp Two Rivers Wis
F W Shepler Stove Co Pittsburgh Pa
F A Smith Mfg Co Inc Rochester N Y
Sparton Electric Co Rochester N Y
Westinghouse Electric & Mfg Co Pittsburgh Pa

HEATERS—radiant room

Coleman Lamp & Stove Co Wichita 1 Kan
Excelsior Stove & Mfg Co Quincy Ill
Kol-Gas Heater Co Nashville 3 Tenn
Westinghouse Elec & Mfg Co 306 Fourth Av Pittsburgh 30 Pa

HEATERS—tank

Adams Co Dubuque Ia
American Radiator & Std Sanitary Corp 40 W 40th NY NY
Automatic Burner Corp 1823 W Carroll Chgo 12 Ill
Beall Pipe & Tank Corp Portland Ore
W E Caldwell Co Louisville 8 Ky
Dempster Mill Mfg Co Beatrice Neb
Excelsior Stove & Mfg Co Quincy Ill
Farwell Ozmun Kirk & Co St Paul 1 Minn
General Electric Co Schenectady N Y
Mt Vernon Furnace & Mfg Mt Vernon Ill
Natl Radiator Co Johnstown Pa
Ruud Mfg Co Pittsburgh Pa
Siebring Mfg Co George Ia
Westinghouse Elec Mfg Co Pittsburgh Pa

HEATERS—unit

American Blower Corp Detroit 32 Mich
American Foundry & Equip Co Mishawaka Ind
Burnham Boiler Co Irvington N J
Carrier Corp Syracuse 1 N Y
Clarage Fan Co Kalamazoo Mich
Crane Co 4100 Kedzie Av Chgo Ill
Excelsior Stove & Mfg Co Quincy Ill
General Electric Co Schenectady N Y
Gilbert & Barker Mfg Co Springfield Mass
Grinnell Co Inc Providence R I
Ilg Elec Ventilating Co 2850 N Pulaski Chgo Ill
McCord Radiator & Mfg Co Detroit Mich
McQuay Inc Minneapolis Minn
Minneapolis Honeywell Regulator Co Minneapolis Minn
Modine Mfg Co Racine Wisc
D J Murray Mfg Wausau Wis
Natl Radiator Co Johnstown Pa
The Herman Nelson Corp 540 N Michigan Chgo Ill
Richmond Radiator Co 835 Fifth Av NY 17 NY
St Louis Blow Pipe & Heater Co St Louis Mo
B F Sturtevant Co Boston Mass
Trane Co LaCrosse Wisc
Westinghouse Elec & Mfg Co 306 Fourth Av Pittsburgh 30 Pa

HEATERS—water

Adams Co Dubuque Ia
American Radiator & Std Sanitary Corp 40 W 40th NY NY
Anchor Post Fence Co Baltimore Md
Automatic Burner Corp 1823 W Carroll Chgo 12 Ill
Bastian-Morley Co Inc LaPorte Ind
Brownell Co Dayton O
Burnham Boiler Corp Irvington N J
Chrysler Corporation Airtemp Division Dayton 1 Ohio
Coleman Lamp & Stove Co Wichita Kan
Edison Genl Elec Appliance Co Inc 5600 W Taylor St Chgo 44 Ill
Evans Products Co Detroit Mich
Excelsior Stove & Mfg Co Quincy Ill
Florence Stove Co Gardner Mass
General Electric Co Bridgeport Conn
General Water Heater Corp Burbank Calif
Gilbert & Barker Mfg Co Springfield Mass
A J Lindemann & Hoverson Co 601 W Cleveland Av Milwaukee 7 Wis
H C Little Burner Co Inc 2nd & Lincoln San Rafael Cal
Locke Stove Co Kan City 6 Mo
Nash-Kelvinator Corp Detroit Mich
Natl Stamping & Electric Works 320 W Lake Chgo Ill
Norge Div Borg-Warner Corp Detroit Mich
O'Keefe & Merritt Co Los Angeles Calif
Pacific Gas Radiator Co Los Angeles Cal
Ruud Mfg Co Pittsburgh Pa
Standard Gas Equipment Corp Baltimore Md
Timken Silent Automatic Div The Timken Detroit Axle Co Detroit 32 Mich
Trane Co La Crosse Wis
United States Radiator Corp Detroit Mich
Westinghouse Elec & Mfg Co 306 Fourth Av Pittsburgh 30 Pa
Harvey Whipple Inc Springfield Mass
Whitlock Manufacturing Co Hartford Conn
Williams Oil-O-Matic Heating Corp Bloomington Ill
Gar Wood Industries Inc Detroit Mich

HEATING—steam or hot water

American Radiator & Std Sanitary Corp 40 W 40th NY NY
Bastian-Morley Co Inc La Porte Ind
Crane Co 4100 S Kedzie Chgo Ill
Excelsior Stove & Mfg Co Quincy Ill
International Heater Co Utica N Y
National Radiator Co 221 Central Av Johnstown Pa
Richardson & Boynton Co 1990 Park Av NY NY
Richmond Radiator Co 835 Fifth Av NY 17 NY
Trane Co La Crosse Wis
Gar Wood Industries Inc Detroit Mich

HEATING—warm air

Airtemp Div Chrysler Corp Dayton O
American Radiator & Std Sanitary Corp 40 W 40th NY NY
Crane Co 4100 S Kedzie Chgo Ill
Estate Stove Co Hamilton O
Evans Products Co Detroit Mich
Excelsior Stove & Mfg Co Quincy Ill
Gilbert & Barker Mfg Co Springfield Mass
Heil Co Milwaukee Wis
Holland Furnace Co Holland Mich
Iron Fireman Co 3170 W 106 Cleveland 11 Ohio
H C Little Burner Co Inc 2nd & Lincoln San Rafael Cal
Majestic Co Huntington Ind
Milcor Steel Co So 41st & W Burnham Milwaukee 4 Wis
Mission Foundry & Stove Wks San Francisco Cal
L J Mueller Furnace Co Milwaukee Wis
Norge Heating & Conditioning Div Borg Warner Corp Detroit Mich
Payne Furnace & Supply Co Beverly Hills Cal
Penn Boiler & Burner Mfg Corp Box 1079 Lancaster Pa
Richmond Radiator Co 835 Fifth Av NY 17 NY
Round Oak Co Dowagiac Mich
St Louis Blow Pipe & Heater Co St Louis Mo
Trane Co La Crosse Wis
U S Radiator Corp Detroit Mich
Waterman-Waterbury Co Minneapolis Minn
Williams Oil-O-Matic Heating Corp Bloomington Ill
Gar Wood Industries Inc Detroit Mich
Young Radiator Co Racine Wis

HINGES—butt

American Cabinet Hdwe Corp Rockford Ill (53)
Homer D Bronson Co Beacon Falls Conn
P & F Corbin New Britain Conn
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
C L Frost & Son Grand Rapids Mich
H S Getty & Co Inc Phil Pa
Griffin Mfg Co Erie Pa
C Hager & Sons Hinge Mfg Co St Louis Mo
Lawrence Bros Sterling Ill
Lockwood Hdw Mfg Co Fitchburg Mass
McKinney Mfg Co Pittsburgh Pa
Nat'l Lock Co Rockford Ill (102)
Natl Mfg Co Sterling Ill
Norwalk Lock Co 395 Broadway NY 13 NY
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Penn Hdwe Co Reading Pa
Plume & Atwood Mfg Co Waterbury Conn
Reading Hdwe Corp Reading Pa
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
Richards-Wilcox Aurora Ill

HINGES—cabinet

American Brass Goods Co Grand Rapids Mich
American Cabinet Hdwe Corp Rockford Ill (53)
Bommer Spring Hinge Co Brooklyn N Y
Champion Hdwe Co Geneva O
Chgo Spring Hinge Co 1500 Carroll Chgo Ill
Cleveland Lock Wks Div Consolidated Iron Steel Mfg Co 1283 E 53rd Cleveland 14 Ohio (96)
P & F Corbin New Britain Conn
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
Knape & Vogt Mfg Co Grand Rapids Mich
Lawrence Bros Sterling Ill

Number in parenthesis indicates page on which advertisement appears

McKinney Mfg Co Pittsburgh Pa
Natl Brass Co Grand Rapids Mich
Natl Hdwe Co 8630—103 Ozone Pk N Y
Natl Lock Co Rockford Ill (102)
Natl Mfg Co Sterling Ill
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdwe Co Lancaster Pa
Sargent & Co New Haven Conn
Sharon Hdwe Mfg Co Sharon Pa
Shelby Spring Hinge Co Shelby O
The Stanley Wks New Britain Conn (87)
Yale & Towne Mfg Co Stamford Conn

HINGES—gate

Frantz Mfg Co Sterling Ill (74)

HINGES—spring door

Bommer Spring Hinge Co Brooklyn 5 N Y
Chgo Spring Hinge Co 1500 W Carroll Chgo Ill
Cleveland Lock Wks Div Consolidated Iron Steel Mfg Co 1283 E 53rd Cleveland 14 Ohio (96)
P & F Corbin New Britain Conn
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
H S Getty & Co Inc Phil Pa
Lawrence Bros Sterling Ill
Milwaukee Stamping Co Milwaukee 14 Wis
Natl Lock Co Rockford Ill (102)
Natl Mfg Co Sterling Ill
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
Russell & Erwin Mfg Co New Britain Conn (181)
Sargent & Co New Haven Conn
Sharon Hdwe Mfg Co Sharon Pa
Shelby Spring Hinge Co Shelby O
The Stanley Wks New Britain Conn (87)

HINGES—strap

Coburn Trolley Track Co Holyoke Mass
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
H S Getty & Co Phil Pa
Griffin Mfg Co Erie Pa
C Hager & Sons Hinge Mfg Co St Louis Mo
Lawrence Bros Sterling Ill
McKinney Mfg Co Pittsburgh Pa
Natl Brass Co Grand Rapids Mich
Natl Mfg Co Sterling Ill
Richards-Wilcox Mfg Co Aurora Ill
Russell & Erwin Mfg Co New Britain Conn (181)
Sargent & Co New Haven Conn
Sharon Hdwe Mfg Co Sharon Pa
The Stanley Wks New Britain Conn (87)

HODS—brick & mortar

John Berg Mfg Co 5319 S La Salle Chgo Ill
Cleveland Wire Spring Co 5250 Brookpark Road Cleveland 9 Ohio
Goldblatt Tool Co Kan City Mo
Lansing Co Lansing Mich
Louthan Sheet Metal Co 2407 Pulaski Chgo Ill
Wheeling Corrugating Co Wheeling W Va (34)

HOG HOUSE EQUIPMENT

Allith-Prouty Inc Danville Ill
Butler Mfg Co Kan City Mo
Clay Equipment Corp Cedar Falls Ia
Franklin Equip Co Monticello Ia
James Mfg Co Ft Atkinson Wis
Louden Mach Co Fairfield Ia
Reeves Steel & Mfg Co Dover Ohio
Starline Inc Harvard Ill
Willis Steel Corp Galesburg Ill

HOG HOUSES—prefabricated

Koppers Company Inc Wood Preserving Div Pittsburgh 19 Pa
James Mfg Co Ft Atkinson Wis
Rilco Laminated Prod Inc St Paul 1 Minn
Starline Inc Harvard Ill

HOISTS—booster

W J Dennis & Co 1732 N Kolmar Av Chgo Ill
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
Griffin Mfg Co Erie Pa
F D Kees Mfg Co Beatrice Nebr
Lawrence Bros Sterling Ill
Lockwood Hdwe Mfg Co Fitchburg Mass
McKinney Mfg Co Pittsburgh Pa
National Brass Co Grand Rapids Mich
National Mfg Co Sterling Ill
Norton Door Closer Co 2900 N Western Av Chgo 18 Ill
Penn Hdwe Co Reading Pa
Safe Padlock & Hdwe Co Lancaster Pa
St Paul Hydraulic Hoist Co Minneapolis 14 Minn
Sargent & Co New Haven Conn
Sharon Hdwe Mfg Co Sharon Pa
The Stanley Wks New Britain Conn (87)
Sterling Hdw Mfg Co 2341 W Nelson Chgo Ill
Wagner Mfg Co Cedar Falls Ia

HOISTS—chain

American Chain Div American Chain & Cable York Pa
Bridgeport Chain & Mfg Co Bridgeport Conn
J H. Channon Corp 1455 W Hubbard Chgo Ill
Chisholm Moore Hoist Corp Tonawanda N Y
Coffing Hoist Co Danville Ill
Louden Mach Co Fairfield Ia
Robbins & Myers Inc Springfield Ohio
Reading Chain & Block Corp 2100 Avams St Reading Pa
David Round & Son Cleveland 5 Ohio
Jos T Ryerson & Sons Inc 2558 W 16th Chgo 8 Ill
Starline Inc Harvard Ill
Yale & Towne Mfg Co Phil Pa

HOISTS—drum

American Eng Co Philadelphia 25 Pa
American Hoist & Derrick Co 63 So Robert St Paul 1 Minn
American Mfg Co Inc 2119 Pacific Av Tacoma 2 Wash (218)
Bennett-Ireland Norwich NY
Bridgeport Chain & Mfg Co Bridgeport Conn
C H & E Mfg Co Milwaukee 12 Wis
Chisholm Moore Hoist Corp Tonawanda N Y
The Filer & Stowell Co Milwaukee 7 Wis
Hyster Co Portland 8 Ore
Ingersoll-Rand Co 11 Broadway NY NY
Jeffrey Mfg Co Columbus O
Lidgerwood Mfg Co Elizabeth N J
Link Belt Co 307 N Michigan Chgo Ill
Louden Mach Co Fairfield Ia
Prescott Co Menominee Mich
Robbins & Myers Inc Springfield Ohio
Stephens-Adamson Mfg Co Aurora Ill
Yale & Towne Mfg Co Phil Pa

HOISTS—electric

Reading Chain & Block Corp 2100 Avams St Reading Pa

HOISTS—hydraulic dumping

Chisholm-Moore Hoist Corp Tonawanda N Y
Galion Allsteel Body Co Galion O
Heil Co Milwaukee Wis
Jeffrey Mfg Co Columbus O
St Paul Hydraulic Hoist Co Minneapolis 14 Minn
Yale & Towne Mfg Co Phil Pa

HOISTS—rope

American Eng Co Philadelphia 25 Pa
The Filer & Stowell Co Milwaukee 7 Wis
Hall Mfg Co Cedar Rapids Ia
Lanebro Mfg Co Poughkeepsie N Y
The Ney Mfg Co 948 High Av S W Canton 4 Ohio
Ridgely Trimmer Co Springfield Ohio
Robbins & Myers Inc Springfield Ohio
Shepard Niles Crane & Hoist Co Montour Falls NY
Starline Inc Harvard Ill

HOLDERS—price card

H A Dunning Westerly R I
Hampden Mfg Co Inc Plainfield N J
W C Heller & Co 539 N Clark St Montpelier Ohio
Hopp Press Inc 460 W 34 NY NY

HOODS—ventilating, kitchen

Vent-A-Hood Co Dallas 1 Tex

HOOKS—coat

American Brass Goods Co Grand Rapids Mich
Amerline 1753 N Honore Chgo 22 Ill
Barrows Lock Wks Div of The Yale & Towne Mfg Co No Chgo Ill
Bommer Spring Hinge Co 263 Classon av Brooklyn 5 N Y
Champion Hdwe Co Geneva O
The Columbus Brass Mft Co 620 Dublin Av Columbus 16 Ohio
P & F Corbin New Britain Conn
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
H S Getty & Co Phil Pa
H L Judd Co Inc Wallingford Conn
Lockwood Hdwe Mfg Co Fitchburg Mass
Peck Stow & Wilcox Co Southington Conn
Penn Hdwe Co Reading Pa
Phoenix Lock Wks Newark N Y
Reading Hdwe Corp Reading Pa
Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdwe Co Lancaster
Sargent & Co New Haven Conn
Sharon Hdwe Mfg Co Sharon Pa
Shelby Spring Hinge Co Shelby O
U S Lock & Hdwe Co Columbia Pa
Yale & Towne Mfg Co Stamford Conn

HOSE—air compressor

Binks Mfg Co 3114 Carroll Chgo 12 Ill
Boston Woven Hose & Rubber Co Cambridge Mass
Broadway Rubber Mfg Co 529 E Broadway Louisville 2 Ky
Cincinnati Rubber Mfg Co Cincinnati O
Continental Rubber Wks Erie Pa
The DeVilbiss Company 300 Phillips Av Toledo 1 Ohio
Gates Rubber Co 999 S Broadway Denver 17 Colo
Goodall Rubber Co 5 S 36th Philadelphia 4 Pa
Independent Pneumatic Tool Co 600 W Jackson Chgo 6 Ill
Manhattan Rubber Mfg Co Div Raybestos Manhattan Inc Passaic N J
Miller Rubber Industrial Prod Div of The B F Goodrich Co Akron Ohio
New York Rubber Corp Beacon N Y
Republic Rubber Co Youngstown O
Sharp Mfg Co 1224 Wall Los Angeles 15 Cal
U S Rubber Co 1230 5th NY NY

HOSE—garden

Acme Rubber Mfg Co Trenton N J
Boston Woven Hose & Rubber Co Cambridge Mass
Broadway Rubber Mfg Co 529 E Broadway Louisville 2 Ky
Continental Rubber Wks Erie Pa
Gates Rubber Co 999 S Broadway Denver 17 Colo
Goodall Rubber Co 5 S 36th Philadelphia 4 Pa
Manhattan Rubber Mfg Div Raybestos Manhattan Inc Passaic NJ
Miller Rubber Industrial Prod Div of The B F Goodrich Co Akron Ohio

HOSE—industrial

Broadway Rubber Mfg Co 529 E Broadway Louisville 2 Ky
Dempster Mill Mfg Co Beatrice Neb
The DeVilbiss Company 300 Phillips Av Toledo 1 Ohio
Gates Rubber Co 999 S Broadway Denver 17 Colo
Goodall Rubber Co 5 S 36th Philadelphia 4 Pa
Manhattan Rubber Mfg Div Raybestos Manhattan Inc Passaic NJ
Miller Rubber Industrial Prod Div of The B F Goodrich Co Akron Ohio
United States Rubber Co 1230 5th Av NY NY

HOSE—linen fire

Boston Woven Hose & Rubber Co Boston Mass
Goodall Rubber Co 5 S 36th Philadelphia 4 Pa
Manhattan Rubber Mfg Div Raybestos Manhattan Inc Passaic NJ
U S Rubber Co 12 36th Av NY NY
Wirt & Knox Mfg Co Phil 32 Pa

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HOUSES—prefabricated

Allied Housing Associates Inc Langhorne Pa
Bush Prefab Structures Inc 370 Lexington NY NY
Crescent Panel Co Louisville 12 Ky
Evans Products Co Detroit Mich
Ivon R Ford Lumber Co McDonough N Y
GBH-Way Homes Inc Walnut Ill
Green Lumber Co Laurel Miss
Green's Ready Cut House Co Rockford Ill
Gunnison Housing Corp New Albany Ind
Hardin & Ramsey Atlanta Ga
Home Bldg Corp Kan City Mo
Houston Blow Pipe & Sheet Mtl Wks Houston Tex (28)
Houston Ready-Cut House Co Houston 1 Tex (42)
Johnson Housing Corp Sharon Pa
National Homes Corp of Indiana 52 By Pass Lafayette Ind
Pease Woodwork Co Cincinnati O
Plywood Structures Inc Los Angeles Cal
Southern Mill & Mfg Co Tulsa Okla
Stewart & Bennett Co Natl City Cal
Texas Pre-Fabricating House & Tent Co Dallas Tex

INCINERATORS—garbage

Detroit-Michigan Stove Co Detroit Mich
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Ewing Incinerator Co 2432 Irving Pk Chgo Ill
Gabriel Steel Co Detroit 12 Mich
Houston Blow Pipe & Sheet Mtl Wks Houston Tex (28)
Kerner Incinerator Co Milwaukee Wis
Majestic Co Huntington Ind
Pittsburgh Incinerator Co 131 Beam Way Pittsburgh Pa
Renown Stove Co Owosso Mich
Rudiger Lang Co Berkeley Cal
E C Stearns & Co Syracuse NY

Indicators—moisture content

American Instrument Co Washington D C
Colloid Equip Co Inc 50 Church NY NY
Fairbanks Morse & Co 600 Michigan Av Chgo Ill (24)
Foxboro Co Foxboro Mass
Hart Moisture Gauges 126 Liberty NY NY
Moisture Register Co 133 N Garfield Alhambra Calif (76)
Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)
Portable Products Corp C J Tagliabue Div Park & Nostrand Brooklyn 5 NY
Standard Dry Kiln Co P O Box 541 Indianapolis Ind

INSECTICIDES

Agkem Inc Quincy Ill
American Cyanimid & Chem Co 300 Rockefeller Plaza NY NY
Barrett Div Allied Chemical & Dye Corp 40 Rector NY NY
Boyle-Midway Inc 257 Cornelison Av Jersey City 2 N J
Chemical Supply Co 225 Plymouth Bldg Cleveland 15 Ohio
Cre-O-Tox Chem Prod Co Memphis Tenn (84)
The Dow Chemical Co Midland Mich (89)
E I DuPont de Nemours & Co Inc Wilmington Del
Harrop Chemical Co 135 Hoboken Av Jersey City 2 N J
Koppers Co Kearny N J
J A Meinhardt & Co 2622 S Shields Av Chgo Ill
Monsanto Chemical Co 1700 S Second St Louis 4 Mo
The Neville Co Neville Island Pittsburgh 25 Pa
O-Cedar Corp 2246 W 49 Chgo Ill
Penna Salt Mfg Co Phil Pa
Pioneer Mfg Co Cleveland O
Pittsburgh Plate Glass Co Milwaukee Wis
Reilly Tar & Chemical Corp Indianapolis 4 Ind
Republic Creosoting Co Indianapolis 4 Ind (196)
Sherwin Williams Co Cleveland O (309)
Wood Treating Chemicals Co St Louis Mo

INSERTS—concrete

Bethlehem Steel Co Bethlehem Pa
Dayton Malleable Iron Co Dayton O
Carpenter & Paterson Inc 1190 Bennington East Boston 28 Mass
Dayton Malleable Iron Co P O Box 980 Dayton 1 Ohio
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Gabriel Steel Co Detroit Mich
Globe Mach & Stamping Co Cleveland O
Grabler Mfg Co Cleveland O
Josam Mfg Co Michigan City Ind
Lakeside Malleable Casting Co Racine Wis
Richards-Wilcox Mfg Co Aurora Ill
Star Expansion Bolt Co 147 Cedar NY NY
Truscon Steel Co Youngstown O
Union Steel Prod Co Albion Mich

INSTRUMENTS — indicating, recording & controlling

The Bristol Co Waterbury 91 Conn
Foxboro Co Foxboro Mass
General Electric Co Schenectady N Y
Grand Rapids Vapor Kiln Inc Grand Rapids 2 Mich
Minneapolis Honeywell Reg Co Minneapolis Minn
Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)
Portable Products Corp C J Tagliabue Div Park & Nostrand Brooklyn 5 NY
Republic Flow Meters 2240 W Diversey Chgo Ill
Standard Dry Kiln Co P O Box 541 Indianapolis Ind
Taylor Instrument Co Rochester 1 N Y
Westinghouse Elec & Mfg Co 306 Fourth Av Pittsburgh 30 Pa

INSULATION—blanket or batt type

Baldwin Hill Co Trenton 2 N Y
Barrett Div Allied Chemical & Dye Corp 40 Rector NY NY
Samuel Cabot Inc Boston 9 Mass (98)
California Redwood Distributors Ltd 35 E Wacker Chgo Ill
Philip Carey Mfg Co Cincinnait 15 Ohio (65)
Carney Rockwool Co Mankato Minn
Celotex Corp 120 S La Salle Chgo Ill (10)
Coast Insulating Corp Los Angeles 5 Cal
The Eagle-Picher Sales Co American Bldg Cincinnati 1 Ohio
Ehret Magnesia Mfg Co Inc Valley Forge Pa
Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
Johns-Manville Corp 22 E 40th NY 16 NY
Kimberly-Clark Corp Neenah Wis (159)
Lockport Cotton Batting Co Lockport N Y (35)
National Cotton Council P O Box 18 Memphis 1 Tenn (57)
National Gypsum Co Buffalo N Y (69)
Masonite Corp 111 W Washington Chgo Ill
B F Nelson Mfg Co Minneapolis Minn
Plastergon Wallboard Co 196 Philadelphia Av Buffalo 7 NY
Riverton Lime & Stone Co Inc Riverton Pa
The Ruberoid Co 500 Fifth Av NY 18 NY (83)
Std Lime & Stone Co Baltimore 3 Md
U S Gypsum Co 300 W Adams Chgo 6 Ill (59)
Wood Conversion Co St Paul Minn (22-23)

INSULATION—Insulation—board or sheet

Armstrong Cork Co Lancaster Pa
Celotex Corp 120 S La Salle Chgo Ill (10)
Central Div Co & Weatherseal Shingle Panels 221 N La Salle Chgo 1 Ill
Fir-Tex Portland Ore
Flintkote Co 30 Rockefeller Plaza NY NY (73)
Ford Roofing Products Co 111 W Washington Chgo Ill (205)
Insulite Co Minneapolis Minn
Johns-Manville Corp 22 E 40th NY 16 NY
National Gypsum Co Buffalo N Y (69)
Plant Rubber & Asbestos Works 537 Brannan St San Francisco 7 Cal
U S Gypsum Co 300 W Adams Chgo Ill (59)
Wood Conversion Co St Paul Minn (22-23)

INSULATION—glass (foam)

Pittsburgh Plate Glass Co Pittsburgh Pa (99)

INSULATION—loose fill

Barrett Div Allied Chemical & Dye Corp 40 Rector NY NY
Philip Carey Mfg Co Cincinnati 15 Ohio (65)
Celotex Corp 120 S La Salle Chgo 10 Ill (10)
Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
Gladding-McBean & Co Los Angeles Cal
Insul-Wool Insulation Corp Wichita Kan
Johns-Manville Corp 22 E 40th NY 16 NY
Natl Gypsum Co Buffalo N Y (69)
B F Nelson Mfg Co Minneapolis Minn
Plant Rubber & Asbestos Works 537 Brannan St San Francisco 7 Cal
Plastergon Wallboard Co 196 Philadelphia Av Buffalo 7 NY
Plibrico Jointless Firebrick Co 1800 N Kingsbury Chgo 14 Ill
Riverton Lime & Stone Co Inc Riverton Va
The Ruberoid Co 500 Fifth Av NY 18 NY (83)
U S Gypsum Co 300 W Adams Chgo 6 Ill (59)
Universal Zonolite Insulation Co 135 S La Salle St Chgo Ill
Vermiculite Products Inc Houston Tex
Western Mineral Products Co Milwaukee Wis
Western Vermiculite Co Denver Colo

INSULATION—plastic

A C Horn Co 43-42 Tenth Long Island City 1 NY
Mexico Refractories Co Mexico Missouri
National Gypsum Co Buffalo N. Y. (69)
Plibrico Jointless Firebrick Co 1800 N Kingsbury Chgo 14 Ill
The Ruberoid Co 500 Fifth Av NY 18 NY (83)

INSULATION—reflective type

American Flange & Mfg Co Inc 30 Rockefeller Plaza NY NY
Natl Gypsum Co Buffalo N Y (69)
Reynolds Metals Co Richmond Va
U S Gypsum Co 300 W Adams Chgo Ill (59)
United States Rubber Co 1230 5th Av NY NY

INSULATION—spray-on

Keasbey & Mattison Co Ambler Pa
Sprayo-Flake Co 2715 W Irving Pk Chgo Ill
Standard Asbestos Mfg Co 822 W Lake Chgo Ill

INSULATION—wool

American Rock Wool Corp Wabash Ind
Baldwin-Hill Co Trenton N J
Barrett Div Allied Chem & Dye Corp 40 Rector St NY NY
Philip Carey Mfg Co Cincinnati 15 O (65)
Celotex Corp 120 S La Salle Chgo Ill (10)
Chamberlin Company of America Detroit Mich
Coast Insulating Co Los Angeles Cal
The Eagle-Picher Sales Co American Bldg Cincinnati 2 O
Flintkote Co 30 Rockefeller Plaza NY NY (73)
Johns-Manville Corp 22 E 40th NY 16 NY
National Gypsum Co Buffalo N Y (69)
National Rock Wool Sales Inc Lagro Ind.
B F Nelson Mfg Co Minneapolis Minn
Pacific Lbr Co 100 Bush San Francisco Cal
Plastergon Wallboard Co 196 Philadelphia Av Buffalo 7 NY
Plibrico Jointless Firebrick Co 1800 N Kingsbury Chgo 14 Ill
Riverton Lime & Stone Co Inc Riverton Va
The Ruberoid Co 500 Fifth Av NY 18 NY (83)
Standard Asbestos Mfg Co 822 W Lake Chgo Ill
Standard Lime & Stone Co Baltimore Md
United States Gypsum Co 300 W Adams Chgo Ill (59)

INSURANCE

Lumbermens Mutual Casualty Co 4750 Sheridan Rd Chgo Ill (190)
Lumbermens Underwriting Alliance Long Bldg Kansas City Mo (29)

INTER-COMMUNICATION SYSTEMS

Edwards & Co Norwalk Conn
Kellogg Switchboard & Supply Co 6650 S Cicero Chgo Ill
Select-O-Phone Co Div of Screw Mach Prod Co Inc 1012 Eddy Providence 5 R I
Signal Eng & Mfg Co 154 W 14 NY NY
Talk-A-Phone Mfg Co 1219 W Van Buren Chgo 7 Ill

IRONERS—electric

Armstrong Products Corp Huntington W Va
Edison Genl Elec Appliance Co Inc 5600 W Taylor Chgo 44 Ill
General Electric Co Bridgeport Conn

Number in parenthesis indicates page on which advertisement appears

Landers Frary & Clark New Britain Conn
Westinghouse Elec & Mfg Co 306 Fourth Av Pittsburgh 30 Pa

IRONS—soldering

Wm L Barrett Co 34 School St Bristol Conn
Electric Soldering Iron Co Inc Deep River Conn
Everhot Mfg Co Maywood Ill
General Electric Co Schenectady N Y
Hexacon Electric Co Roselle Pk N J
Ideal Commutator Dress Co Sycamore Ill
Lenk Mfg Co Newton Lower Falls Mass
Revere Copper and Brass Inc 230 Park Av NY 17 NY
The Stanley Wks New Britain Conn (87)
Vulcan Electric Co Danvers Mass

JACKS—adjustable wood-steel

M & M Wire Clamp Co 983-17th Av S E Minneapolis 14 Minn
Newark Ladder & Bracket Sales Co Inc 657 S 13th Newark 3 NJ
John S Tilley Ladders Co Inc Watervliet NY

JACKS—house moving

American Skein & Fdry Co Racine Wis
Duff-Norton Mfg Co Pittsburgh Pa
Joyce Cridland Co Dayton O
Templeton Kenly & Co 1020 S Central Chgo Ill

JACKS—ladder

W W Babcock Co Inc Bath N Y (213)
Bauer Mfg Co Wooster O
Davenport Ladder Co 2365 McKinley Av Davenport Ia
Michigan Ladder Co Ypsilanti Mich
Newark Ladder & Bracket Sales Co Inc 657 S 13th Newark 3 NJ
Ridgely Trimmer Co Springfield Ohio
The Sabin Mach Co 6536 Carnegie Av Cleveland 3 Ohio
John S Tiley Ladders Co Inc Watervliet N Y
Warner Mfg Co 801 16th Av SE Minneapolis 14 Minn

JOINTERS—saw

American Saw Mill Mchry Co Hackettstown N J
E C Atkins & Co Indianapolis Ind
Boice Crane Co Toledo 6 O
Crescent Machine Co Leetonia O
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
Franklin Tool Co Buffalo N Y
L Power & Company 2815 Oakford Philadelphia 46 Pa
Prescott Co Menominee Mich
Sandvik Saw & Tool Corp 47 Warren NY NY
E C Stearns & Co Syracuse N Y
Stetson-Ross Machine Co Seattle 4 Wash (113)
J D Wallace & Co 153 S California Chgo 12 Ill

KEY BLANKS

P & F Corbin Mfg Co New Britain Conn
The Eagle Lock Company Terryville Conn
Lockwood Hdwe Mfg Co Fitchburg Mass
Master Lock Co Milwaukee Wis
Yale & Towne Mfg Co Stamford Conn

KNIVES—high speed

E C Atkins & Co Indianapolis 9 Ind
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
Ekstrom, Carlson & Coe Rockford Ill
E T Lippert Saw Co Pittsburgh 9 Pa
Simonds Saw & Stl Co Fitchburg Mass (189)
S A Woods Mach Co Boston 10 Mass (104)

KNIVES—machine

American Knife Co Baldwinsville N Y
E C Atkins & Co Indianapolis Ind
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
Huther Bros Saw Mfg Co Rochester N Y (193)
E T Lippert Saw Co Pittsburgh 9 Pa
Oliver Machinery Co Grand Rapids 2 Mich
Simonds Saw & Stl Co Fitchburg Mass (189)
Taylor Stiles & Co Riegelsville N J (76)
S A Woods Mach Co Boston 10 Mass (104)
Woodworkers Tool Wks 222 S Jefferson Chgo Ill
Yates American Mach Co Beloit Wis

KNIVES—putty

Atlas-Ansonia Co New Haven Conn
Bridgeport Hdwe Mfg Corp Bridgeport Conn
Cattaraugus Cutlery Co Little Valley N Y
Clyde Cutlery Co Clyde O
Economy Mfg Co Phil Pa
Fletcher Terry Co Forestville Conn (98)
Forsberg Mfg Co Bridgeport Conn
Glaziers Tool Mfg Co 611 W Adams Chgo Ill
Goodell Co Antrim N H
Lamson & Goodnow Mfg Co Shelburne Falls Mass
Landers Frary & Clark New Britain Conn
Murray-Black Co Springfield O
Oxford Tool Co Phil 22 Pa
Red Devil Tools Irvington 11 NJ
Ridgely Trimmer Co Springfield Ohio
Russell Harrington Cutlery Co Southbridge Mass
United Wire Goods Mfg Co Inc 1150 Broadway NY NY
Warner Mfg Co 801 16th Av SE Minneapolis 14 Minn

KNIVES—veneer

E. C. Atkins & Co Indianapolis Ind
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
Simonds Saw & Stl Co Fitchburg Mass (189)

KNOBS—Brass & Bronze

American Cabinet Hdwe Corp Rockford Ill (53)
Barrows Lock Wks Div of The Yale & Towne Mfg Co No Chgo Ill
Best Universal Lock Co 10 No Senate Indianapolis 4 Ind
Champion Hdwe Co Geneva O
J Chesler & Sons Co 41 Varick av Brooklyn N Y
The Columbus Brass Mft Co 620 Dublin Av Columbus 16 Ohio
P & F Corbin New Britain Conn
Erco Mfg Co 4010 W Montrose Av Chgo Ill
Fiwale Equipment Mfg Co 165 Church NY 7 NY
H S Getty & Co Inc Phil Pa
Lawrence Bros Sterling Ill
Lockwood Hdwe Mfg Co Fitchburg Mass
Natl Brass Co Grand Rapids Mich
Natl Hdwe Co Ozone Park N Y
Natl Lock Co Rockford Ill (102)
Norwalk Lock Co 395 Broadway NY 13 NY
Pacific Plastic & Mfg Co Inc Los Angeles Cal (157)
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
Penn Hdwe Co Reading Pa
Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdwe Co Lancaster Pa
Sager Lock Wks of Yale & Towne Mfg Co No Chgo Ill
Sargent & Co New Haven Conn
The Stanley Wks New Britain Conn (87)
Yale & Towne Mfg Co Stamford Conn

KNOBS—enameled

Lockwood Hdwe Mfg Co Fitchburg Mass
National Lock Co Rockford Ill (102)
Penn Hdwe Co Reading Pa
Russell & Erwin Mfg Co New Britain Conn (181)
Yale & Towne Mfg Co Stamford Conn

KNOBS—glass

American Cabinet Hdwe Corp Rockford Ill (53)
Barrows Lock Wks Div of The Yale & Towne Mfg Co No Chgo Ill
Best Universal Lock Co 10 No Senate Indianapolis 4 Ind
J Chesler & Sons Co Brooklyn N Y
P & F Corbin New Britain Conn
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
Lockwood Hdwe Mfg Co Fitchburg Mass
Norwalk Lock Co 395 Broadway NY 13 NY
Pacific Plastic & Mfg Co Inc Los Angeles Cal (157)
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdwe Co Lancaster Pa
Sager Lock Wks of Yale & Towne Mfg Co No Chgo Ill
Technical Glass Co Inc Los Angeles Cal
Yale & Towne Mfg Co Stamford Conn

KNOBS—plastic

Fiwale Equipment Mfg Co 165 Church NY 7 NY
Lockwood Hdwe Mfg Co Fitchburg Mass
Modern Plastic Co Los Angeles Cal
Natl Brass Co Grand Rapids Mich
Natl Hdwe Co Ozone Pk N Y
Pacific Plastic & Mfg Co Inc Los Angeles Cal (157)

KNOCKERS—door

Barrows Lock Wks Div of The Yale & Towne Mfg Co No Chgo Ill
Best Universal Lock Co 10 No Senate Indianapolis 4 Ind
Champion Hdwe Co Geneva O
J Chesler & Sons Co 41 Varick av Brooklyn N Y
Colonial Brass Co Middleboro Mass
P & F Corbin New Britain Conn
Erco Mfg Co 4010 W Montrose Av Chgo Ill
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Lockwood Hdwe Mfg Co Fitchburg Mass
McKinney Mfg Co Pittsburgh Pa
Norwalk Lock Co 395 Broadway NY 13 NY
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Reading Hdwe Corp Reading Pa
Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdwe Co Lancaster Pa
Sager Lock Wks of Yale & Towne Mfg Co No Chgo Ill
Sargent & Co New Haven Conn
Yale & Towne Mfg Co Stamford Conn

LACQUER

American Marietta Co 43 E Ohio Chgo 11 Ill
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Breinig Brothers Inc 1st & Harrison Hoboken N J
Devoe & Raynolds Co Inc 787 First NY NY (44-45)
E I du Pont de Nemours Co Wilmington Del
W P Fuller & Co 301 Mission San Fran 19 Cal
Glidden Co Cleveland O (12-13)
Grand Rapids Varnish Corp 565 Godfrey Av S W Grand Rapids 2 Mich
Great Lakes Varnish Wks Inc 2215 N Pulaski Chgo Ill
A C Horn Co 43-42 Tenth Long Island City 1 NY
Lowe Bros Co Dayton O (61
John Lucas & Co Phil Pa
The Marietta Paint & Color Co Marietta Ohio
Monsanto Chemical Co 1700 S Second St Louis 4 Mo
Murphy Finishes Corp 224 McWhorter Newark 1 NJ
O'Brien Varnish Co South Bend Ind (103)
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Peaslee-Gaulbert Paint & Varnish Co Louisville Ky
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
Pratt & Lambert Inc 75 Tonawanda Buffalo 7 NY
Sherwin-Williams Co Cleveland O (309)
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
United States Rubber Co 1230 5th Av NY NY
Vita-Var Corp Newark N J (310)

LADDERS—wood—all types

Aberdeen Wood Prod Co Inc Montesano Wash
American Ladder Co 3700 W 38th Chgo Ill
W W Babcock Co Inc Bath N Y (213)
John Berg Mfg Co 5319 S LaSalle Chgo 9 Ill
Breyer Bros Whiting & Co Waupun Wis
J R Clark Co Minneapolis 5 Minn
Davenport Ladder Co 2365 McKinley Av Davenport Ia
Duo-Safety Ladder Corp Oshkosh Wis
A W Flint Co New Haven Conn
Heider Mfg Co Carroll Ia

Number in parenthesis indicates page on which advertisement appears

Holland Ladder & Mfg Co Holland Mich
Howard Mfg Co Kent Wash
Michigan Ladder Co Ypsilanti Mich
Nappanee Lbr & Mfg Co Nappanee Ind
Newark Ladder & Bracket Sales Co Inc 657 S 13th Newark 3 NJ
Putnam & Co Inc 30 Howard NY NY
Rich Ladder & Mfg Co 1000 Depot St Cincinnati 4 O
Rowe Mfg Co Galesburg Ill
John S Tilley Ladders Co Inc Watervliet NY
Topping Ladder Co Marion N Y
Woodenware Products Corp St Louis 1 Mo
J O Young Co Springfield 7 Mass
Zoss Ladder & Mfg Co Portland 1 Ore

LAMPS & LANTERNS—gasoline pressure

Coleman Lamp & Stove Co Wichita Kan
Prentiss Wabers Products Co Wisconsin Rapids Wis
Turner Brass Wks Sycamore Ill

LAMPS & LANTERNS—oil

Bradley & Hubbard Mfg Div Parker Co Meriden Conn
Coleman Lamp & Stove Co Wichita Kan
MacLeod Co Cincinnati O
Mantle Lamp Co of America 223 W Jackson Blvd Chgo Ill
Plume & Atwood Mfg Co Waterbury Conn
United States Glass Co Tiffin O

LAMPS & LANTERNS—ornamental

Erco Mfg Co 4010 W Montrose Av Chgo Ill
Chas Parker Co Meriden Conn
F P Smith Wire & Iron Wks 2346 N Clybourn Chgo Ill
Stewart Iron Wks Co Inc Cincinnati 1 O

LATCHES—door

American Cabinet Hdwe Corp Rockford Ill (53)
Barrows Lock Wks Div of The Yale & Towne Mfg Co No Chgo Ill
Best Universal Lock Co 10 No Senate Indianapolis 4 Ind
Casement Hdwe Co 406 N Wood Chgo Ill
J Chesler & Sons Co 41 Varick Av Brooklyn NY
P & F Corbin New Britain Conn
The Eagle Lock Company Terryville Conn
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
Grand Specialties Co 3101 W Grand Av Chgo Ill
Griffin Mfg Co Erie Pa
Lawrence Bros Sterling Ill
Lockwood Hdwe Mfg Co Fitchburg Mass
Milwaukee Stamping Co Milwaukee 14 Wis
McKinney Mfg Co Pittsburgh Pa
National Brass Co Grand Rapids Mich
National Lock Co Rockford Ill (102)
National Mfg Co Sterling Ill
Newell Mfg Co Lowell Mich
Norwalk Lock Co 395 Broadway NY 13 NY
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Pennsylvania Hdwe Co Reading Pa
Reading Hdwe Corp Reading Pa
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdwe Co Lancaster Pa
Sager Lock Wks of Yale & Towne Mfg Co North Chicago Ill
Sargent & Co New Haven Conn
Shelby Spring Hinge Co Shelby O
The Stanley Wks New Britain Conn (87)
Wagner Mfg Co Cedar Falls Ia
Western Products Inc New Castle Ind
Yale & Towne Mfg Co Stamford Conn

LATCHES—gate

Bommer Spring Hinge Co 263 Classon Av Brooklyn 5 N Y
J Chesler & Sons Co 41 Varick Av Brooklyn NY
P & F Corbin New Britain Conn
Cyclone Fence Div American Steel & Wire Co P O Box 260 Waukegan 1 Ill
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
Lawrence Bros Sterling Ill
Lockwood Hdwe Mfg Co Fitchburg Mass
McKinney Mfg Co Pittsburgh Pa
National Brass Co Grand Rapids Mich
Norwalk Lock Co 395 Broadway NY 13 NY
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Penn Hdwe Co Reading Pa
Reading Hdwe Corp Reading Pa
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdwe Co Lancaster Pa
Sargent & Co New Haven Conn
The Stanley Wks New Britain Conn (87)
Yale & Towne Mfg Co Stamford Conn

LATH—composition

Celotex Corp 120 S LaSalle Chgo Ill (10)
Certain-teed Prod Corp 120 S LaSalle Chgo Ill (25)
Masonite Corp 111 W Washington Chgo Ill
Wood Conversion Co St Paul Minn (22-23)

LATH—gypsum

Celotex Corp 120 S LaSalle Chgo Ill (10)
Certain-teed Prod Corp 120 S LaSalle Chgo Ill (25)
National Gypsum Co Inc Buffalo N Y (69)
Pacific Portland Cement Co San Francisco 6 Cal
U S Gypsum Co 300 W Adams Chgo 6 Ill (59)

LATH—insulating

Armstrong Cork Co Lancaster Pa
Celotex Corp 120 S LaSalle Chgo Ill (10)
Fir-Tex Portland Ore
Insulite Co Minneapolis Minn
Johns-Manville Corp 22 E 40th NY NY
Masonite Corp 111 W Washington Chgo Ill
National Gypsum Co Buffalo N Y (69)
Plastergon Wallboard Co 196 Philadelphia Av Buffalo 7 NY
U S Gypsum Co 300 W Adams Chgo 6 Ill (59)
Wood Conversion Co St Paul Minn (22-23)

LATH—metal

Alabama Metal Lath Co Birmingham 1 Ala
Bethlehem Steel Co Bethlehem Pa
Milcor Steel Co So 41st & W Burnham Milwaukee 4 Wis
National Gypsum Co Buffalo N Y (69)
Pacific Portland Cement Co San Francisco 6 Cal
Penn Metal Co Inc 205 E 42nd NY 17 NY
Pittsburgh Steel Co Pittsburgh 30 Pa
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
St Paul Corrugating Co St Paul Minn
Soule Steel Co San Francisco 24 Cal
Truscon Steel Co Youngstown 1 O
U S Gypsum Co 300 W Adams Chgo 6 Ill (59)
Wheeling Corrugating Co Wheeling W Va (34)

LATHES—woodworking

American Saw Mill Machinery Co Hackettstown N J
Arcade Mfg Co Freeport Ill
Boice Crane Co Toledo O
Crescent Mach Co Leetonia O
Delta Mfg Co Milwaukee Wis
J A Fay & Egan Co 1110 Alfred Cincinnati 22 Ohio
Walker Turner Co Inc Plainfield N J
J D Wallace & Co 153 S California Av Chgo 12 Ill
Baxter D Whitney & Son Inc Winchendon Mass
Yates-American Machine Co Beloit Wis

LEAD—red

Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Devoe & Raynolds Co 787 First Av NY 17 NY (44-45)
The Eagle-Picher Sales Co American Bldg Cincinnati 1 Ohio
Evans Lead Co Charleston W Va
Glidden Co Cleveland O (12-13)
Grand Rapids Varnish Corp 565 Godfrey Av S W Grand Rapids 2 Mich
Hammond Lead Products Inc Hammond Ind
National Lead Co 111 Broadway NY NY
Peaslee-Gaulbert Paint & Varnish Co Louisville Ky
Pittsburgh Plate Glass Co Pittsburgh Pa (204)
Wadsworth Howland & Co 141 Federal Boston Mass

LEAD—white

Acme White Lead & Color Wks 8250 St Aubin Av Detroit 11 Mich
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Detroit White Lead Wks Detroit Mich
E I Du Pont de Nemours & Co Inc Wilmington Del
The Eagle-Picher Sales Co American Bldg Cincinnati 1 Ohio
W P Fuller & Co 301 Mission San Fran 19 Cal
Glidden Co Cleveland O (12-13)
Grand Rapids Varnish Corp 565 Godfrey Av S W Grand Rapids 2 Mich
Inland White Lead Co 741 W Gladys Av Chgo Ill
International Smelting & Refining Co Pigment Div East Chicago Ind
Martin Senour Co 2520 Quarry Chgo Ill
National Lead Co 111 Broadway NY NY

LEVEL RODS—surveying

Chicago Steel Tape Co 7956 S Chicago Av Chgo 17 Ill
Eugene Dietzgen Co 2425 N Sheffield Chgo Ill
Keuffel & Esser Co Hoboken N J
L S Starrett Co Athol Mass
Warren Knight Co Philadelphia Pa

LEVELS—carpenter

American Level Mfg Co Detroit Mich
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
Empire Level Mfg Co Milwaukee Wis
Mayes Bros Tool Mfg Inc Port Austin Mich
Millers Falls Co Greenfield Mass
Peerless Level & Tool Co Sterling Ill
Sands Level & Tool Co Detroit Mich
The Stanley Wks New Britain Conn (87)
L S Starrett Co Athol Mass

LEVELS—surveyors

Eugene Dietzgen Co 2425 N Sheffield Chgo Ill
L S Starrett Co Athol Mass
Warren Knight Co Philadelphia 7 Pa

LIFTS—lumber

American Mfg Co Inc 2119 Pacific Av Tacoma 2 Wash (218)
Grand Rapids Vapor Kiln Inc Grand Rapids Mich
Hyster Co Portland 8 Ore
Leitelt Iron Wks Grand Rapids Mich (212)
Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)
Rotary Lift Co 1051 Kentucky St Memphis 2 Tenn (41)
Standard Dry Kiln Co P O Box 541 Indianapolis Ind

LIFTS—sash

American Cabinet Hdwe Corp Rockford Ill (53)
Barrows Lock Wks Div of The Yale & Towne Mfg Co No Chgo Ill
Champion Hdwe Co Geneva O
P & F Corbin New Britain Conn
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
Griffin Mfg Co Erie Pa
H B Ives Co New Haven Conn
Knape & Vogt Mfg Co Grand Rapids Mich
Lawrence Bros Sterling Ill
Lockwood Hdwe Mfg Co Fitchburg Mass
McKinney Mfg Co Pittsburgh Pa
National Brass Co Grand Rapids Mich
National Hdwe Co Ozone Park N Y
National Lock Co Rockford Ill (102)
National Mfg Co Sterling Ill
Norwalk Lock Co 395 Broadway NY 13 NY
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Penn Hdwe Corp Reading Pa
Reading Hdwe Corp Reading Pa
Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdwe Co Lancaster Pa
Sager Lock Wks of Yale & Towne Mfg Co No Chgo Ill
Sargent & Co New Haven Conn
Sharon Hdwe Mfg Co Sharon Pa
Shelby Metal Prods Co Shelby O
Shelby Spring Hinge Co Shelby O
The Stanley Wks New Britain Conn (87)
Yale & Towne Mfg Co Stamford Conn

Number in parenthesis indicates page on which advertisement appears

LIGHTING SYSTEMS

Benjamin Electric Mfg Co Des Plaines Ill
Buda Co Harvey Ill
Delco Appliance Div Gen'l Motors Sales Corp Rochester N Y
Fairbanks Morse & Co 600 S Michigan Av Chgo Ill (24)
Jacobs Wind Elec Co Inc Minneapolis Minn
F D Kees Mfg Co Beatrice Neb
Kohler Co Kohler Wis
Phelps Power & Light Co Rock Island Ill
Pioneer Gen-E-Motor Corporation 5841 W Dickens Chgo 39 Ill
Premier Elec Constr Co 1124 S Michigan Av Chgo Ill
Universal Motor Co Oshkosh Wis
Westinghouse Elec & Mfg Co East Pittsburgh Pa
Wincharger Corp Sioux City Ia
Wind-Power Mfg Co Newton Ia

LIGHTING—fluorescent

Benjamin Electric Mfg Co Des Plaines Ill
Edwin F Guth Co St Louis 3 Mo
W H Long Co 425 N Clark Chgo Ill
Ramsey Signs Inc Portland Ore
Ultramer Mfg Co 303 W Monroe Chgo Ill
Westinghouse Elec & Mfg Co 306 Fourth Av Pittsburgh 30 Pa

LIGHTING EQUIPMENT—portable

Davey Compressor Co Kent O
Homelite Corp Port Chester N Y
Kato Engineering Co Mankato Minn
F D Kees Mfg Co Beatrice Neb

LIME—agricultural

Celotex Corp 120 S LaSalle Chgo Ill (10)
Henry Cowell Lime & Cement Co San Francisco Cal
Gibsonburg Lime Prods Co Gibsonburg O
Kelley Island Lime & Transport Co 1122 Leader Bldg Cleveland 14 Ohio
Louisville Cement Co Inc 315 Guthrie Louisville 2 Ky
Marblehead Lime Co 160 N La Salle Chgo Ill
Mission Lime Prods Corp Los Angeles Cal
National Gypsum Co Buffalo N Y (69)
National Lime & Stone Co Findlay O
National Mortar & Supply Co Pittsburgh Pa
Ohio Hydrate & Supply Co Woodville O
Standard Lime & Stone Co Baltimore Md
United States Gypsum Co 300 W Adams Chgo Ill (59)
Woodville Lime Prods Co Toledo O

LIME—finishing

Celotex Corp 120 S LaSalle Chgo Ill (10)
Certain-teed Prods Corp 120 S LaSalle Chgo Ill (25)
Henry Cowell Lime & Cement Co 2 Market San Fran 11 Cal
Fairmont Wall Plaster Co Fairmont W Va
Gibsonburg Lime Prods Co Gibsonburg O
Kelley Island Lime & Transport Co 1122 Leader Bldg Cleveland 14 Ohio
Marblehead Lime Co 160 N LaSalle Chgo Ill
Mission Lime Prods Corp Los Angeles Cal
National Gypsum Co Buffalo N Y (69)
National Lime & Stone Co Findlay O
National Mortar & Supply Co Pittsburgh Pa
Ohio Hydrate & Supply Co Woodville O
United States Gypsum Co 300 W Adams Chgo Ill (59)
Woodville Lime Prods Co Toledo O

LIME—masons hydrated

Celotex Corp 120 S LaSalle Chgo Ill (10)
Certain-teed Prods Corp 120 S LaSalle Chgo Ill (25)
Fairmont Wall Plaster Co Fairmont W Va
Gibsonburg Lime Prods Co Gibsonburg O
Kelley Island Lime & Transport Co 1122 Leader Bldg Cleveland 14 Ohio
Louisville Cement Co Inc 315 Guthrie Louisville 2 Ky
Marblehead Lime Co 160 N LaSalle Chgo Ill
Mission Lime Prods Corp Los Angeles Cal
National Gypsum Co Buffalo N Y (69)
National Lime & Stone Co Findlay O
National Mortar & Supply Co Pittsburgh Pa
Ohio Hydrate & Supply Co Woodville O
Riverton Lime & Stone Co Inc Riverton Va
United States Gypsum Co 300 W Adams Chgo Ill (59)
Woodville Lime Prods Co Toledo O

LIME—pebble

Kelley Island Lime & Transport Co 1122 Leader Bldg Cleveland 14 Ohio
Louisville Cement Co Inc 315 Guthrie Louisville 2 Ky
Marblehead Lime Co 160 N LaSalle Chgo Ill
National Gypsum Co Buffalo N Y (69)
U S Gypsum Co 300 W Adams Chgo 6 Ill (59)

LINING POLES—surveying

Chicago Steel Tape Co 7956 S Chicago Av Chgo 17 Ill
Eugene Dietzgen So 2425 N Sheffield Av Chgo Ill
Kueffel & Esser Hoboken N J
Frederick Post Co 155 E Ohio Chgo Ill
L S Starrett Co Athol Mass
Warren Knight Co Philadelphia Pa

LINTELS—steel

Adams Co Dubuque Ia
Bennett-Ireland Norwich NY
Decatur Iron & Steel Co Decatur Ala
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Gabriel Steel Co Detroit 12 Mich
Majestic Co Huntington Ind
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
Truscon Steel Co Youngstown 1 O

LOCKERS

Carr Adams & Collier Co Dubuque Ia (51)
Curtis Cos Inc Clinton Ia (27)
Lyon Metal Prod Inc Aurora Ill
Morgan Co Oshkosh Wis
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Segelke & Kohlhaus Co La Crosse Wis

LOCKS—door

Barrows Lock Wks Div of The Yale & Towne Mfg Co No Chgo Ill
Bemis & Call Co Springfield Mass
Best Universal Lock Co 10 No Senate Indianapolis 4 Ind
J Chesler & Sons Co 41 Varick Av Brooklyn NY
P & F Corbin Co New Britain Conn
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
Independent Lock Co Fitchburg Mass
Lockwood Hdwe Mfg Co Fitchburg Mass
Master Lock Co Milwaukee Wis
National Lock Co Rockford Ill (102)
Norwalk Lock Co 395 Broadway NY 13 NY
Pacific Plastic & Mfg Co Inc Los Angeles Cal (157)
Penn Hdwe Co Reading Pa
Reading Hdwe Co Reading Pa
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdwe Co Lancaster Pa
Sager Lock Wks of Yale & Towne Mfg Co No Chgo Ill
Sargent & Co New Haven Conn
Schlage Lock Co San Francisco 19 Cal
Segal Lock & Hdwe Co Inc 395 Broadway NY 13 NY
Yale & Towne Mfg Co Stamford Conn

LOCKS—sash

American Cabinet Hdwe Corp Rockford Ill (53)
Barrows Lock Wks Div of The Yale & Towne Mfg Co No Chgo Ill
P & F Corbin New Britain Conn
Champion Hdwe Co Geneva O
Erco Mfg Co 4010 W Montrose Av Chgo Ill
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
H S Getty & Co Inc Philadelphia Pa
Lawrence Bros Sterling Ill
Lockwood Hdwe Mfg Co Fitchburg Mass
McKinney Mfg Co Pittsburgh Pa
National Brass Co Grand Rapids Mich
National Hdwe Co Ozone Park N Y
National Lock Co Rockford Ill (102)
National Mfg Co Sterling Ill
Norwalk Lock Co 395 Broadway NY 13 NY
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Penn Hdwe Co Reading Pa
Reading Hdwe Corp Reading Pa
Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdwe Co Lancaster Pa
Sager Lock Wks of Yale & Towne Mfg Co No Chgo Ill
Sargent & Co New Haven Conn
Sharon Hdwe Mfg Co Sharon Pa
Shelby Metal Prods Co Shelby O
Shelby Spring Hinge Co Shelby O
Yale & Towne Mfg Co Stamford Conn

LOCKS—tubular

Best Universal Lock Co 10 No Senate Indianapolis 4 Ind
J Chesler & Sons Co 41 Varick Av Brooklyn NY
P & F Corbin New Britain Conn
Fiwale Equipment Mfg Co 165 Church NY 7 NY
National Brass Co Grand Rapids Mich
National Hdwe Co Ozone Park N Y
Penn Hdwe Co Reading Pa
Reading Hdwe Corp Reading Pa
Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdwe Co Lancaster Pa
Sargent & Co New Haven Conn
Yale & Towne Mfg Co Stamford Conn

LOG CABIN SIDING

(See lumber section beginning page 282)

LOG SKIDDERS—two wheel, self loading

Lindsey Wagon Co Laurel Miss

LOG TURNERS

Allis Chalmers Mfg Co Milwaukee Wis
American Mfg Co Inc 2119 Pacific Av Tacoma 2 Wash (218)
American Sawmill Mach Co Hackettstown N J
Corley Mfg Co Chattanooga 1 Tenn (188)
The Filer & Stowell Co Milwaukee 7 Wis
Soule Steam Feed Wks Meridian Miss

LOGGING ARCHES

Hyster Co Portland 8 Ore
Isaacson Iron Wks Seattle Wash

LOGGING SULKIES

Hyster Co Portland 8 Ore

LOUVRES—attic ventilating

W R Ames Co San Francisco Cal
Bennett-Ireland Norwich NY
Carr Adams & Collier Co Dubuque Ia (51)
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Curtis Cos Inc Clinton Ia (27)
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Farley & Loetscher Mfg Co Dubuque Ia
Fordyce-Crossett Sales Co Fordyce Ark
Gregg & Son Nashua N H (117)
Ideal Co Box 889 Waco Tex
Majestic Co Huntington Ind
Milcor Steel Co So 41st & W Burnham Milwaukee 4 Wis
Morgan Co Oshkosh Wis
Roach & Musser Co Muscatine Ia (74)

LUMBER CARRIERS

Dallas Mach & Locomotive Wks Dallas Ore
Hyster Co Portland 8 Ore
Ross Carrier Co Benton Harbor Mich (70)

LUMBER MAILING LISTS

Lumbermen's Credit Assn Inc 698 S Dearborn St Chicago 5 Ill (197)

Number in parenthesis indicates page on which advertisement appears

LUMBER TREATING

American Creosoting Co Inc Louisville Ky
American Lumber & Treating Co 332 S Michigan Av Chgo Ill (66)
Atlantic Creosoting Co Inc 17 Battery Pl NY NY
Baker Wood Preserving Co Marion O
J H Baxter & Co Los Angeles Cal
Bond Bros Inc Louisville Ky
Brown Wood Preserving Co Louisville Ky
Colonial Creosoting Co Louisville Ky
Commercial Creosoting Co Longview Tex
Crosby Lbr & Mfg Co Crosby Miss
Eppinger & Russell Co 80 8th NY NY
Federal Creosoting Co Louisville Ky
Florida Wood Preserving Co Pensacola Fla
Fordyce-Crossett Sales Co Fordyce Ark
Forest Prod Treating Co Portland Ore
Georgia Creosoting Co Louisville Ky
Gulfport Creosoting Co Gulfport Miss
Gulf States Creosoting Co Hattiesburg Miss
Indiana Creosoting Co Louisville Ky
Indiana Wood Preserving Co Terre Haute Ind
International Creosoting & Construction Co Galveston Tex
Iowa Wood Preserving Co 29 E Madison Chgo Ill
Joslyn Mfg & Supply Co 20 N Wacker Dr Chgo Ill
Kettle River Co Madison Ill
Keystone Wood Preserving Co Philadelphia Pa
Koppers Company Inc Wood Preserving Div Pittsburgh 19 Pa
Long-Bell Lbr Co Kansas City Mo
Wm C Meredith Co Inc Atlanta Ga
T R Miller Mill Co Inc Brewton Ala
T J Moss Tie Co St Louis Mo
National Pole & Treating Co Minneapolis Minn
The Piedmont Co Staunton Va
Pope & Talbot Inc Lbr Div Portland Ore
Potosi Tie & Lbr Co St Louis Mo
Protexol Corp Kenilworth N J (211)
Reilly Tar & Chemical Corp Indianapolis 4 Ind
Republic Creosoting Co Indianapolis 4 Ind (196)
Shreveport Creosoting Co Louisville Ky
W J Smith Wood Preserving Co Denison Tex
Southern Wood Preserving Co Atlanta Ga
Southwestern Creosoting Co Muskogee Okla
Standard Dry Kiln Co P O Box 541 Indianapolis Ind
Taylor-Colquitt Co Spartanburg S C
Texas Creosoting Co Orange Tex (76)
Trane Co La Crosse Wis
West Coast Wood Preserving Co Seattle Wash
Wood Treating Chemicals Co St Louis Mo
Wyoming Tie & Timber Co 400 W Madison Chgo Ill

MACHINERY—box & crate

Beach Mfg Co Montrose Pa
Chattanooga Mchy Co Chattanooga Tenn
Chase Turbine Mfg Co Orange Mass
DeWalt Prod Corp Lancaster Pa (111)
The Master Woodworking Mfg Co Inc 409 E Fort Detroit 26 Mich
Palmer Mchy Co Jacksonville Fla
Prescott Co Menominee Mich
Saranac Industries Benton Harbor Mich
S A Woods Mach Co Boston 10 Mass (104)

MACHINERY—logging

Chase Turbine Mfg Co Orange Mass
Hyster Co Portland 8 Ore
Taylor's Machine Wks Louisville Miss (6)
Washington Iron Wks Seattle Wash

MACHINERY—planing mill

American Mfg Co Inc 2119 Pacific Av Tacoma 2 Wash (218)
American Sawmill Mchy Co Hacketts-town N J
Beach Mfg Co Montrose Pa
Boice Crane Co Toledo 6 O
Buss Machine Wks Holland Mich
Chase Turbine Mfg Co Orange Mass
DeWalt Prod Corp Lancaster Pa (111)
J A Fay & Egan Co 1110 Alfred Cincinnati 22 Ohio
Hyster Co Portland 8 Ore
Mattison Mach Wks Rockford Ill
McDonough Mfg Co Eau Claire Wis (192)
Stetson-Ross Mach Co Seattle 4 Wash (113)
Vonnegut Moulder Corp Indianapolis Ind
Baxter D Whitney & Son Inc Winchendon Mass
S A Woods Mach Co Boston 10 Mass (104)
Yates-American Mach Co Beloit Wis

MACHINERY—sawmill

Allis Chalmers Mfg Co Milwaukee Wis
American Mfg Co Inc 2119 Pacific Av Tacoma 2 Wash (218)
American Sawmill Mchy Co Hacketts-town N J
Corley Mfg Co Chattanooga Tenn (188)
Corinth Machinery Co Corinth Miss (195)
Cunningham Mchy Co Shreveport La (190)
Enterprise Co Columbiana O (193-202)
J A Fay & Egan Co 1110 Alfred Cincinnati 22 Ohio
The Filer & Stowell Co Milwaukee 7 Wis
Frick Co Waynesboro Pa (199)
Gordon Hollow Blast Grate Co Greenville Mich
R R Howell Co Minneapolis Minn
Kent Mach Co Cuyahoga Falls O (190)
Lane Mfg Co Montpelier Vt (190)
McDonough Mfg Co Eau Claire Wis (192)
Mitts & Merrill Saginaw Mich
D J Murray Mfg Co Wausau Wis
Prescott Co Menominee Mich
Wheland Co Chattanooga Tenn
Wickes Bros Saginaw Mich

MACHINERY—sawmill, portable

American Saw Mill Mchy Co Hacketts-town N J
Chase Turbine Mfg Co Orange Mass
Corinth Mchy Co Corinth Miss (195)
Corley Mfg Co Chattanooga 1 Tenn (188)
Cunningham Machinery Co Shreveport La (190)
A B Farquhar Co York Pa
Frick Co Waynesboro Pa (199)
Hyster Co Portland 8 Ore
Kent Machine Co Cuyahoga Falls O (190)
Wheland Co Chattanooga Tenn

MACHINERY—saw rig, portable

Beach Mfg Co Montrose Pa
C H & E Mfg Co Milwaukee 12 Wis
Chase Turbine Mfg Co Orange Mass
Corinth Machinery Co Corinth Miss (195)
DeWalt Prod Corp Lancaster Pa (111)
The Master Woodworking Mfg Co Inc 409 E Fort Detroit 26 Mich

MACHINERY—shingle

Acme Staple Co Camden N J
American Saw Mill Mchy Co Hacketts-town N J
Chase Turbine Mfg Co Orange Mass
Corley Mfg Co Chattanooga Tenn (188)
Prescott Co Menominee Mich
Simonds Saw & Steel Co Fitchburg Mass (189)

MACHINERY—veneer & plywood

American Mfg Co Inc 2119 Pacific Av Tacoma 2 Wash (218)
Beach Mfg Co Montrose Pa
Handy Mfg Co 2432 W Lawrence Chgo Ill
Merritt Eng & Sales Co Lockport N Y
Monsanto Chemical Co 1700 S Second St Louis 4 Mo

MACHINERY—woodworking

American Mfg Co Inc 2119 Pacific Av Tacoma 2 Wash (218)
American Saw Mill Mchy Co Hacketts-town N J
Austin & Eddy Inc P O Box 1504 Boston 4 Mass
M L Bayard & Co Inc Philadelphia Pa
Beach Mfg Co Montrose Pa
Boice Crane Co Toledo 6 Ohio
Buss Machine Wks Holland Mich
Casey Mfg Co Oshkosh Wis
Chase Turbine Mfg Co Orange Mass
Chattanooga Mchy Co Chattanooga Tenn
Crescent Machine Co Leetonia O
Curtis Mach Corp Jamestown N Y
Defiance Mach Wks Defiance O
Delta Mfg Co Milwaukee Wis
DeWalt Prod Corp Lancaster Pa (111)
Duro Metal Prod Co 2649 N Kildare Av Chgo Ill
Ekstrom, Carlson & Coe Rockford Ill
J A Fay & Egan Co 1110 Alfred Cincinnati 22 Ohio
The Filer & Stowell Co Milwaukee 7 Wis
Thos J Fruin Mach Co 507 Fifth Av NY NY
Gould & Eberhardt Irvington N J
Greenlee Bros & Co Rockford Ill
Handy Mfg Co 2432 W Lawrence Chgo Ill
Herberts Mchy Co Los Angeles Cal
Hermance Mchy Co Williamsport Pa
E & B Holmes Mchy Co Buffalo N Y
Jenkins Mchy Co Sheboygan Falls Wis
McDonough Mfg Co Eau Claire Wis (192)
Maddox Mach Co Jamestown N Y
Mall Tool Co 7733 S South Chicago Av Chgo Ill (191)
The Master Woodworking Mfg Co Inc 409 E Fort Detroit 26 Mich
Monsanto Chemical Co 1700 S Second St Louis 4 Mo
Muskegon Mach Co Newburgh N Y
Newman Mach Co Greensboro N C
Oliver Machinery Co Grand Rapids 2 Mich
Olney & Warrin Inc 255 Lafayette NY NY
Onsrud Mach Wks Inc 3910 W Palmer Chgo Ill
Parks Woodworking Mach Co Cincinnati O
Paxson Co Dowagiac Mich
Porter Cable Mach Co Syracuse N Y
C O Porter Mchy Co Grand Rapids Mich
L Power & Company 2815 Oakford Philadelphia 46 Pa
Pringle & Brodie Mach Co 566 W Polk Chgo Ill
Red Star Products Inc Cleveland O
Shawver Co Springfield O
Samuel J Shimer & Sons Inc Milton Pa (Cutter Heads) (199)
Skilsaw Inc 5033 Elston Av Chgo 30 Ill
C W Smith Grand Rapids Mich
The Stanley Wks New Britain Conn (87)
Stetson-Ross Mach Co Seattle Wash (113)
Vonnegut Moulder Corp Indianapolis 2 Ind
Walker Turner Co East Plainfield N J
J D Wallace & Co 134 S California Av Chgo Ill
Baxter D Whitney & Son Inc Winchendon Mass
Wilkin-Challoner Co Oshkosh Wis
S A Woods Mach Co Boston Mass (104)
Woodworkers Tool Wks 222 S Jefferson Chgo Ill
Yates-American Mach Co Beloit Wis

MACHINERY—woodworking, homecraft

Delta Mfg Co Milwaukee Wis
DeWalt Prod Corp Lancaster Pa (111)
Heston & Anderson Fairfield Ia
The Master Woodworking Mfg Co Inc 409 E Fort Detroit 26 Mich
Newman Bros Inc 660 W 4th Cincinnati 3 Ohio
Parks Woodworking Mach Co Cincinnati O
Skilsaw Inc 5033 Elston Av Chgo 30 Ill

MACHINES—floor sanding

American Floor Surfacing Mach Co Toledo O
Atlas Floor Surfacing Mach Corp 248 E 34th NY 16 NY
Black & Decker Mfg Co Towson Md
Clarke Sanding Mach Co Muskegon 82 Mich
Electric Sprayit Co Sheboygan Wis
Hild Floor Mach Co 1313 W Randolph Chgo Ill
Hilger Co St Cloud Minn
Holt Mfg Co Oakland Cal
Lincoln-Schlueter Floor Mchy Co 512 S Peoria Chgo Ill
Mall Tool Co 7733 S South Chicago Av Chgo Ill (191)
The Master Woodworking Mfg Co Inc 409 E Fort Detroit 26 Mich
Porter Cable Mach Co Syracuse N Y
Red Devil Tools Irvington 11 NJ
Reid-Way Corp Cedar Rapids Ia
Skilsaw Inc 5033 Elston Av Chgo 30 Ill
The Stanley Wks New Britain Conn (87)

MACHINES—floor waxing & polishing

Atlas Floor Surfacing Mach Corp 248 E 34th NY 16 NY
Donald Durham Co Des Moines 4 Ia (219)
Electric Sprayit Co Sheboygan Wis
Fay Floor Mach Co 279 Fifth Av NY NY
Finnell System Inc Elkhart Ind
Gen'l Floorcraft Inc 333 Sixth Av NY NY
Hild Floor Mach Co 1313 W Randolph Chgo Ill
Hilger Co St Cloud Minn
Holt Mfg Co Oakland Cal
S C Johnson & Son Racine Wis
Kent Co Inc Rome N Y

Number in parenthesis indicates page on which advertisement appears

Landers Frary & Clark New Britain Conn
Lincoln-Schlueter Floor Mchy Co 512 S Peoria Chgo Ill
Porter Cable Mach Co Syracuse N Y

MACHINES—lumber piling

American Mfg Co Inc 2119 Pacific Av Tacoma 2 Wash (218)
Bradney Machine Co Inc Middletown N Y
Hyster Co Portland 8 Ore
Johnson Mfg Co Seattle Wash
Standard Dry Kiln Co P O Box 541 Indianapolis Ind

MACHINES—metered mail

Nat'l Postal Meter Co Inc Rochester 2 N Y

MACHINES—unit lumber piling

Ross Carrier Co Benton Harbor Mich (70)
Hyster Co Portland 8 Ore

MAILBOXES—built-in, residence

American Device Mfg Co Red Bud Ill
Champion Hdwe Co Geneva O
Geo F Collins & Co Sapulpa Okla
Columbia Metal Box Co 260 E 143rd St New York 51 N Y
Dayton Pattern & Mfg Co Dayton O
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Erco Mfg Co 4010 W Montrose Av Chgo Ill
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Kolstad Mail Box Co Duluth Minn
Majestic Co Huntington Ind
Metal Prod Corp West Haven Conn
McKinney Mfg Co Pittsburgh Pa
Northwestern Mail Box Co St Louis Mo
Penn-Greg Mfg Co Minneapolis 3 Minn

MANTELS—wood

Angel Novelty Co Fitchburg Mass
Carr Adams & Collier Co Dubuque Ia (51)
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Columbia Mantel Co Inc 845 S 9th Louisville 3 Ky
Curtis Cos Inc Clinton Ia (27)
Farley & Loetscher Co Dubuque Ia
Gregg and Son Nashua N H (117)
Huttig Sash & Door Co St Louis Mo
Ideal Co Box 889 Waco Tex
Marquart Millwork Co Oshkosh Wis
Morgan Co Oshkosh Wis
Pacific Mutual Door Co Tacoma Wash (206)
The Readybuilt Products Co 1707 McHenry Baltimore 23 Md
Roach & Musser Co Muscatine Ia (74)
Rock Island Sash & Door Works Rock Island Ill
Segelke & Kohlhaus Co La Crosse Wis

MESH—wire

American Steel & Wire Co Cleveland O (147)
Columbia Steel Co Russ Bldg San Fran 6 Cal (147)
Cyclone Fence Div American Steel & Wire Co P O Box 260 Waukegan Ill
Keystone Steel & Wire Co Peoria Ill
Mid-States Steel & Wire Co Crawfordsville Ind
Northwestern Steel & Wire Co Sterling Ill
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Pittsburgh Steel Co Pittsburgh 30 Pa
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Jos T Ryerson & Sons Inc 2558 W 16th Chgo 8 Ill
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
Truscon Steel Co Youngstown Ohio
Wheeling Corrugating Co Wheeling W Va (34)
Wickwire Bros Cortland N Y (20)
Wickwire Spencer Co 500 5th Ave NY NY (58)

METERS—feed water

Brown Instrument Co 4419 Wayne Av Philadelphia 44 Pa
Foxboro Co Foxboro Mass
Republic Flow Meters Co 2240 W Diversey Chgo Ill

METERS—steam

American Meter Co 60 E 42nd NY NY
The Bristol Co Waterbury 91 Conn
Brown Instrument Co 4419 Wayne Av Philadelphia 44 Pa
Foxboro Co Foxboro Mass
Leeds & Northrup Co Philadelphia Pa
Republic Flow Meters Co 2240 W Diversey Chgo Ill

METERS—water

Brown Instrument Co 4419 Wayne Av Philadelphia 44 Pa
Foxboro Co Foxboro Mass
Hersey Mfg Co Boston Mass
Nat'l Meter Co 540 Park Av Brooklyn N Y
Neptune Meter Co 50 W 50th NY 20 NY
Republic Flow Meters Co 2240 W Diversey Chgo Ill
Worthington Pump & Mach Corp Harrison N J

MICROMETERS

Brown & Sharpe Mfg Co 235 Promenade St Providence 1 R I
Miller Falls Co Greenfield Mass

MILLING IN TRANSIT

Semon Bache & Co 636 Greenwich NY NY
Corinth Planing Mill Co Corinth Miss
Foshee Lumber Co Montgomery Ala
Jas E Stark Co Memphis Tenn

MIRRORS—bathroom, kitchen

Acme Specialty Mfg Co Toledo O
American Enameled Prod Co Waukesha Wis
Columbia Metal Box Co 260 E 143rd St New York 51 N Y
Conant Bros Somerville Mass
Conroy-Prugh Glass Co Pittsburgh Pa
J P Eustis Mfg Co Charlestown Mass
Excel Metal Cabinet Co Jamestown NY
F H Lawson Co Cincinnati O
Libbey-Owens-Ford Glass Co Toledo O (81)
Miami Cabinet Div Philip Carey Mfg Co Middletown O
The Nurre Cos Inc Bloomington Ind
Chas Parker Co Meriden Conn
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (99)
Standard Mirror Co 141 Milton Buffalo 10 NY

MIRRORS—decorative

Art Mirror & Glass Specialty Co 312 N May Chgo Ill
Semon Bache & Co 636 Greenwich NY NY
Borin Art Prod Corp 666 N Lake Shore Dr Chgo Ill
Century Mirror Corp 1521 W 35th Chgo Ill
J Chesler & Sons Co Brooklyn N Y
Dearborn Glass Co 2414 W 21st Chgo Ill
W P Fuller & Co 301 Mission San Fran 19 Cal
August W Hornig 2448 W Fullerton Chgo Ill
Libbey-Owens-Ford Glass Co Toledo O (81)
Nat'l Mirror Wks Rockford Ill
The Nurre Cos Inc Bloomington Ind
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (99)
Standard Mirror Co 141 Milton Buffalo 10 NY
Vogeley & Lackman Co 192½ Green NY NY
Warren Co Atlanta Ga

MOPS—dust & polish

Algoma Mfg Co Algoma Wis
American Standard Mfg Co 2509 S Green Chgo Ill
Barlow Co Inc Waterbury Conn
Dustmaster Corp Minneapolis Minn
Gem Hammock & Fly Net Co Milwaukee Wis
H Hertzberg & Sons Inc 2300 Fifth Av NY NY
Howard Dustless Duster Co Boston Mass
Hygenia Brush Co Worcester Mass
Illinois Duster & Brush Co 1926 Webster Av Chgo Ill
Lasting Mop & Broom Co Evansville Ind
J A Meinhardt & Co 440 N Halsted Chgo Ill
O-Cedar Corp 2246 W 49th Chgo 9 Ill
Rubon Woodfinishing & Prod Co Kansas City Mo
Silver Chamberlin Co Clayton N J
E H Tate Co Boston Mass
L M Thornton Mfg Co Kansas City Mo
Tu-Way Prod Co Detroit Mich
Wm D Whitaker Philadelphia Pa

MORTAR—masonry

Louisville Cement Co Inc 315 Guthrie Louisville 2 Ky
Nat'l Lime & Stone Co Findlay O
National Mortar & Supply Co Pittsburgh Pa.
Ohio Hydrate & Supply Co Woodville O
Riverton Lime & Stone Co Inc Riverton Va
X-Pando Corp 43-15 36th Long Island City 1 N Y

MORTAR MIX

Adel Clay Prod Co Des Moines Ia
Laclede-Christy Clay Prod Co St Louis Mo
Lehigh Sewer Pipe & Tile Co Ft Dodge Ia
National Mortar & Supply Co Pittsburgh Pa
Purington Paving Brick Co Galesburg Ill
Sheffield Brick & Tile Co Sheffield Ia
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100
Walsh Refractories Corp St Louis Mo
Willamina Clay Prod Co Portland Ore

MOTORS—electric

Allis Chalmers Mfg Co Milwaukee Wis
Baldor Electric Co St Louis Mo
Beach Mfg Co Montrose Pa
Bodine Elec Co 2272 W Ohio Chgo Ill
Brown-Brockmeyer Co Inc Dayton O
Century Electric Co 1806 Pine St St Lous 3 Mo
Delco Appliance Div Gen Motor Sales Corp Rochester N Y
Diehl Mfg Co Finderne Plant Somerville N J
Electric Sprayit Co Sheboygan Wis
Emerson Elec Mfg Co St Louis Mo
Fairbanks Morse & Co 600 S Michigan Av Chicago Ill (24)
Forbes & Myers Worcester 8 Mass
General Electric Co Schenectady N Y
Hamilton Beach Co Div Scoville Mfg Co Racine Wis
Harnischfeger Corp Milwaukee Wis
Kato Engineering Co Mankato Minn
Kingston-Conley Elec Co Plainfield N J
Leland Elec Co Dayton O
Lincoln Elec Co Cleveland O
Peerless Elec Co Warren Ohio
Robbins & Myers Co Springfield O
Russell Elec Co 378 W Huron Chgo Ill
Signal Elec Mfg Co Menominee Mich
Speedway Mfg Co Cicero Ill
Victor Elec Prod Co Cincinnati O
Wagner Elec Corp St Louis Mo
Westinghouse Elec & Mfg Co 306 Fourth Av Pittsburgh 30 Pa
S A Woods Mach Co Boston 10 Mass (104)

MOULDINGS—metal

Allmetal Weatherstrip Co 229 W Ohio Chgo Ill
Aluminum Co of America Pittsburgh Pa
American Brass Co Waterbury Conn
Ames Metal Moulding Co Inc 225 E 144th NY NY
Angel Novelty Co Fitchburg Mass
B & T Metals Co Columbus O
Bailey Co Amesbury Mass
Barclay Mfg Co 385 Gerard Av Bronx NY
Brasco Mfg Co Harvey Ill
J G Braun Co 609 S Paulina Chgo Ill
Chase Brass & Copper Co Waterbury Conn
Colonial Sales Corp 928 Broadway NY 10 NY
Ford Metal Moulding Co 329 E 45th NY NY (122)
Gibbs Boardtile Corp 636D N Aberdeen Chgo Ill (100)
Herron-Zimmers Moulding Co Detroit Mich
Kawneer Co Niles Mich
Kinkead Industries Inc 450 W Superior Chgo 10 Ill
Knape & Vogt Mfg Co Grand Rapids Mich
Knapp Bros Mfg Co 38 S Dearborn Chicago 3 Ill
Macklanburg-Duncan Co Oklahoma City 1 Okla (97)
Marsh Wall Prod Inc Dover O (75)
Masonite Corp 111 W Washington Chgo Ill
Metal Craft Co Detroit Mich
Milcor Steel Co So 41st & W Burnham Milwaukee 4 Wis
Mitchell Specialty Co Philadelphia Pa
Newman Bros Inc 660 W 4th Cincinnati 3 Ohio
S Parker Hdwe Mfg Co 27 Ludlo NY NY

Number in parenthesis indicates page on which advertisement appears

Penn Supply & Metal Corp Philadelphia 22 Pa
Protex Weatherstrip Mfg Co 4500 S Western Chgo Ill (11)
Pyramid Metals Co 1335 N Wells Chgo 10 Ill
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
Revere Copper & Brass Inc 230 Park Av NY NY
Tylac Co Monticello Ill
United Metal Products Co Canton O
U S Plywood Corp 55 W 44th NY NY (36)
Upson Co Lockport N Y (124)
Yankee Fibre Tile Mfg Co Youngstown O (307)
Youngstown Manufacturing Inc 66 S Prospect Youngstown 6 Ohio

MOULDINGS—plastic

American Phenolic Corp Cicero Ill
Armstrong Cork Co Bldg Mat Div Lancaster Pa
Herron-Zimmers Moulding Co Detroit Mich
Kinkead Industries Inc 450 W Superior Chgo 10 Ill
Macklanburg-Duncan Co Oklahoma City 1 Okla (97)
Marsh Wall Prod Inc Dover O (75)
Mouldings Inc Indianapolis Ind
Pierce Plastics Bay City Mich
Protex Weatherstrip Mfg Co 4500 S Western Chgo Ill (11)
Reilly Tar & Chemical Corp Indianapolis 4 Ind
Republic Creosoting Co Indianapolis 4 Ind (196)
Tennessee - Eastman Corp Kingsport Tenn (46)
United States Plywood Corp 616 W 46th NY NY (36)
R D Werner Co 380 2nd Av NY NY
Youngstown Manufacturing Inc 66 S Prospect Youngstown 6 Ohio

MOULDINGS—stainless steel

Angel Novelty Co Fitchburg Mass
Ford Metal Moulding Co 329 E 45th NY NY (122)
Herron-Zimmers Moulding Co Detroit Mich
Kinkead Industries Inc 450 W Superior Chgo 10 Ill
Knape & Vogt Mfg Co Grand Rapids Mich
John Lees Div Serrick Corp Muncie Ind
Macklanburg-Duncan Co Oklahoma City 1 Okla (97)
Marsh Wall Prod Inc Dover Ohio (75)
Mouldings Inc Indianapolis Ind
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Protex Weatherstrip Mfg Co 4500 S Western Chgo Ill (11)
Pyramid Metals Co 1335 N Wells Chgo 10 Ill
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
U S Plywood Corp 55 W 44th NY NY (36)
R D Werner Co Inc 380 2nd Av NY NY
Youngstown Manufacturing Inc 66 S Prospect Youngstown 6 Ohio

MOULDINGS—wood

Arkansas Oak Flooring Co Pine Bluff Ark
Biles-Coleman Lbr Co Inc Omak Wash (68)
Bradley Lumber Co of Arkansas Warren Ark (47)
C-W Plywood Co 9 S Clinton Chgo Ill
Carr Adams & Collier Co Dubuque Ia (51)
Cole Mfg Co Memphis Tenn
Curtis Companies Inc Clinton Ia (27)
Exchange Sawmills Sales Co 1111 Long Bldg Kansas City 6 Mo (200)
Farley & Loetscher Mfg Co Dubuque Ia
Fordyce-Crossett Sales Co Fordyce Ark
Frost Lumber Industries Shreveport La
Hallack & Howard Lumber Co Denver Colo
Huttig Mfg Co Muscatine Ia (108-109)
Huttig Sash & Door Co St Louis Mo
Ideal Co Box 889 Waco Tex
Jones & Brown Inc Pittsburgh Pa
Keystone Frame & Mfg Co Spokane 3 Wash
Marquart Millwork Co Oshkosh Wis
Marsh Wall Prod Inc Dover O (75)
Nashotah Moulding & Mfg Co Nashotah Wis
Morgan Company Oshkosh Wis
Nickey Brothers Co Memphis Tenn
S E Overton Co South Haven Mich
Radford Co Oshkosh Wis
Radford & Sanders Inc Baltimore Md
Wm Ritter Lumber Co Columbus O (46)
Roach & Musser Co Muscatine Ia (74)
Rock Island Sash & Door Wks Rock Island Ill
Royal Glass Wks Corp 50-20 5th Long Island City N Y
Segelke & Kohlhaus Co La Crosse Wis
Geo J Silbernagel S S Michigan Chgo Ill (112)
South Bend Dowel Works South Bend Ind
Southern Pine Lumber Co Texarkana Tex (67)
Tremont Lumber Co Rochelle La
Trimpak Corp 364 North Av New Rochelle N Y
Washington Mfg Co Tacoma 1 Wash
The Wheeler Osgood Co Tacoma 1 Wash (8)
White Pine Sash Co Spokane 7 Wash

MOULDINGS—zinc

Penn Supply & Metal Corp Philadelphia 22 Pa
Protex Weatherstrip Mfg Co 4500 S Western Chgo Ill (11)
Youngstown Manufacturing Inc 66 S Prospect Youngstown 6 Ohio

MULTIPLE WHEEL TRUCK DRIVES

Thornton Tandem Co Detroit 13 Mich (37)

NAIL SETS

American Swiss File & Tool Co Elizabeth N J
Bridgeport Hdwe Mfg Corp Bridgeport Conn
Brown & Sharpe Mfg Co 235 Promenade St Providence 1 R I
Damascus Steel Prod Cork Rockford Ill
E W Deuse Co Chester Conn
Mayhew Steel Prod Inc Shelburne Falls Mass
Millers Falls Co Greenfield Mass
McPherson-Huff Tool Co Sabina O
Plomb Tool Mfg Co Los Angeles Cal
The Stanley Works New Britain Conn (87)
L S Starrett Co Athol Mass
Syracuse Twist Drill Co Syracuse N Y
Trimble & Fink Mfg Co Inc Baltimore Md
Tuck Mfg Co Brockton Mass
Union Tool Co Orange Mass
Vaughan & Bushnell Mfg Co 135 S La Salle Chgo Ill

NAILS

Alan Wood Steel Co Conshohocken Pa (49)
American Steel & Wire Co Cleveland O (147)
Angell Nail & Chaplet Co Cleveland O
Atlantic Steel Co Atlantic Ga
Atlas Tack Corp Fairhaven Mass
Bethlehem Steel Co Bethlehem Pa
Cedarburg Wire & Wire Nail Co Cedarburg Wis
Chase Brass & Copper Co Waterbury Conn
Colorado Fuel & Iron Corp Denver Colo
Columbia Steel Co Russ Bldg San Fran 6 Cal (147)
Continental Steel Corp Kokomo Ind
Copperweld Steel Co Glassport Pa
Crescent Brass & Pin Co Detroit Mich
Eastern Nail Company 176 Union Av Providence 9 R I
John Hassall Inc 402 Oakland Brooklyn N Y
Hubbard & Co 6301 Butler St Pittsburgh 1 Pa
Illinois Nail Co 826 Peoria Chgo Ill
Independent Nail & Packing Co Bridgewater Mass
Jones & Laughlin Steel Corp Pittsburgh Pa
Keystone Steel & Wire Co Peoria Ill
Mid-States Steel & Wire Co Crawfordsville Ind
Northwestern Steel & Wire Co Sterling Ill
Pittsburgh Steel Co Pittsburgh Pa
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Sheffield Steel Corp Kansas City Mo
Shelton Tack Co Shelton Conn
Tennessee Coal Iron & R R Co Birmingham Ala (147)
Wheeling Corrugating Co Wheeling W Va (34)
Wickwire Bros Inc Cortland N Y (20)
Wickwire Spencer Steel Co 500 Fifth Av NY 18 NY (58)

NAILS—cement coated

American Steel & Wire Co Cleveland O (147)
Atlas Tack Corp Fairhaven Mass
Bethlehem Steel Co Bethlehem Pa
Colorado Fuel & Iron Corp Denver Colo
Columbia Steel Co Russ Bldg San Fran 6 Cal (147)
Continental Steel Corp Kokomo Ind
Eastern Nail Company 176 Union Av Providence 9 R I
Independent Nail & Packing Co Bridgewater Mass
Jones & Laughlin Steel Corp Pittsburgh Pa
Keystone Steel & Wire Co Peoria Ill
Mid-States Steel & Wire Co Crawfordsville Ind
Northwestern Steel & Wire Co Sterling Ill
Pittsburgh Steel Co Pittsburgh 30 Pa
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Sheffield Steel Corp Kansas City Mo
Tennessee Coal Iron & R R Co Birmingham Ala (147)
Wheeling Corrugating Co Wheeling W Va (34)
Wickwire Bros Cortland N Y (20)
Wickwire Spencer Steel Company 500 Fifth Av NY 18 NY (58)
Wilson Steel & Wire Co W 49th and S Western Chgo Ill

NAILS—copper

Alan Wood Steel Co Conshohocken Pa (49)
American Steel & Wire Co Cleveland O (147)
Angell Nail & Chaplet Co Cleveland O
Atlas Tack Corp Fairhaven Mass
Chase Brass & Copper Co Waterbury Conn
Clendenin Bros Inc Baltimore Md
Columbia Steel Co Russ Bldg San Fran 6 Cal (147)
John Hassall Inc 402 Oakland Brooklyn N Y
Holland Mfg Co Baltimore Md
C G Hussey & Co Pittsburgh Pa
Igoe Bros 529 Washington Brooklyn N Y
Independent Nail & Packing Co Bridgewater Mass
W H Maze Co Peru Ill
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Shelton Tack Co Shelton Conn
Steel & Wire Products Co Baltimore Md
Turner & Seymour Mfg Co Torrington Conn

NAILS—cut

Alan Wood Steel Co Conshohocken Pa (49)
Continental Steel Corp Kokomo Ind
W H Maze Co Peru Ill
Northwestern Steel & Wire Co Sterling Ill
Pittsburgh Steel Co Pittsburgh Pa
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Shelton Tack Co 103 Canal Shelton Conn
Tremont Nail Co Wareham Mass
Wheeling Corrugating Co Wheeling W Va (34)
Wheeling Steel Corp Wheeling W Va

NAILS—flooring

Alan Wood Steel Co Conshohocken Pa (49)
American Steel & Wire Co Cleveland O (147)
Bethlehem Steel Co Bethlehem Pa
Continental Steel Corp Kokomo Ind
The Edwards Mfg Co 427-477 Culvert Cincinnati Ohio
Independent Nail & Packing Co Bridgewater Mass
Keystone Steel & Wire Co Peoria Ill
Mid-States Steel & Wire Co Crawfordsville Ind
Pittsburgh Steel Co Pittsburgh 30 Pa
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Sheffield Steel Corp Kansas City Mo
Tennessee Coal Iron & R R Co Birmingham Ala (147)
Tremont Nail Co Wareham Mass
Wheeling Corrugating Co Wheeling W Va (34)
Wickwire Brothers Cortland N Y (20)

NAILS—leadhead

American Steel & Wire Co Cleveland O (147)
Continental Steel Corp Kokomo Ind
Deniston Co 4856 S Western Av Chgo Ill
Dickson Weatherproof Nail Co Evanston Ill
Filshie Lead Head Nail Co Inc 5801 S State Chgo Ill
W H Maze Co Peru Ill
Mid-States Steel & Wire Co Crawfordsville Ind

Number in parenthesis indicates page on which advertisement appears

Milcor Steel Co So 41st & W Burnham Milwaukee 4 Wis
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Wheeling Corrugating Co Wheeling W Va (34)

NAILS—masonry

Hillwood Mfg Co Cleveland O
Independent Nail & Packing Co Bridgewater Mass
Rawplug Co Inc 97 Lafayette NY NY
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Tremont Nail Co Wareham Mass
Wheeling Corrugating Co Wheeling W Va (34)

NAILS—roofing

Acme Staple Co Camden N J
Alan Wood Steel Co Conshohocken Pa (49)
American Steel & Wire Co Cleveland O (147)
Angell Nail & Chaplet Co Cleveland 5 O
Atlas Tack Corp Fairhaven Mass
Bethlehem Steel Co Bethlehem Pa
Chase Brass & Copper Co Waterbury Conn
Clendenin Bros Inc Baltimore Md
Columbia Steel Co Russ Bldg San Fran 6 Cal (147)
Continental Steel Corp Kokomo Ind
Crescent Brass & Pin Co Detroit Mich
Deniston Co 4856 S Western Av Chgo 9 Ill
Dickson Weatherproof Nail Co Evanston Ill
Edwards Mfg Co Cincinnati O
Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
John Hassall Inc 402 Oakland Brooklyn N Y
C G Hussey & Co Pittsburgh Pa
Jones & Brown Inc Pittsburgh Pa
Jones & Laughlin Steel Corp Pittsburgh Pa
Keystone Steel & Wire Co Peoria Ill
Malleable Iron Fittings Co Branford Conn
W H Maze Co Peru Ill
Mid-States Steel & Wire Co Crawfordsville Ind
Northwestern Steel & Wire Co Sterling Ill
Pittsburgh Steel Co Pittsburgh 30 Pa
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
The Ruberoid Co 500 Fifth Av NY 18 NY (83)
Sheffield Steel Corp Kansas City Mo
Tennessee Coal Iron & R R Co Birmingham Ala (147)
Tremont Nail Co Wareham Mass
Turner & Seymour Mfg Co Torrington Conn
Wheeling Corrugating Co Wheeling W Va (34)
Wheeling Steel Corp Wheeling W Va
Wickwire Bros Cortland N Y (20)
Wilson Steel & Wire Co 4840 S Western Av Chgo Ill

NAILS—screw type

Colonial Brass Co Middleboro Mass
Columbia Steel Co Russ Bldg San Fran 6 Cal (147)
Dickson Weatherproof Nail Co Evanston Ill
John Hassall Inc 402 Oakland Brooklyn N Y
Hillwood Mfg Co Cleveland 17 O
Independent Nail & Packing Co Bridgewater Mass
Manufacturers Screw Prod 222 W Hubbard Chgo 10 Ill
W H Maze Co Peru Ill
Republic Steel Corp Berger Mfg Div Canton 5 Ohio

NAILS—shingle

Alan Wood Steel Co Conshohocken Pa (49)
American Steel & Wire Co Cleveland O (147)
Atlas Tack Corp Fairhaven Mass
Bethlehem Steel Co Bethlehem Pa
Central Div Co & Weatherseal Shingle Panels 221 N La Salle Chgo 1 Ill
Columbia Steel Co Russ Bldg San Fran 6 Cal (147)
Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
Independent Nail & Packing Co Bridgewater Mass
Jones & Brown Inc Pittsburgh Pa
Jones & Laughlin Steel Corp Pittsburgh Pa
W H Maze Co Peru Ill
Mid-States Steel & Wire Co Crawfordsville Ind
Northwestern Steel & Wire Co Sterling Ill
Pittsburgh Steel Co Pittsburgh Pa
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Sheffield Steel Corp Kansas City Mo
Tennessee Coal Iron & Railroad Co Birmingham Ala (147)
Tremont Nail Co Wareham Mass
Turner & Seymour Mfg Co Torrington Conn
Wheeling Corrugating Co Wheeling W Va (34)
Wheeling Steel Corp Wheeling W Va
Wickwire Bros Cortland N Y (20)
Wilson Steel & Wire Co 4840 S Western Av Chgo Ill

NETTING—wire

Columbia Steel Co Russ Bldg San Fran 6 Cal (147)
Continental Steel Corp Kokomo Ind
Gilbert & Bennett Mfg Co Georgetown Conn
Northwestern Steel & Wire Co Sterling Ill
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Soule Steel Co San Francisco 24 Cal
Wickwire Bros Cortland N Y (20)
Wickwire Spencer Steel Co 500 Fifth Av NY 18 NY (58)

NIPPERS

H Boker & Co 101 Duane NY NY
Champion-De Arment Tool Co Meadville Pa
Damascus Steel Prod Corp Rockford Ill
Heller Bros Co Newark N J
Higganum Hdwe Co Higganum Conn
Kraeuter & Co Inc Newark N J
Lowe Mfg Co Enderlin N D
M & M Wire Clamp Co 983-17th Av S E Minneapolis 14 Minn
Original Enderes Company Guttenberg Iowa
Peck Stow & Wilcox Co Southington Conn
Wm Schollhorn Co New Haven Conn
Starr Bros Bell Co E Hampton Conn
L A Starrett Co Athol Mass
Utica Drop Forge & Tool Corp Utica N Y
Vaughan & Bushnell Mfg Co 135 S La Salle Chgo Ill

NOSING—metal stair

American Abrasive Metals Co Irvington N J
American Mason Safety Tread Co Lowell Mass
Chase Brass & Copper Co Waterbury Conn
Macklanburg-Duncan Co Oklahoma City Okla (97)
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Protex Weatherstrip Mfg Co 4500 S Western Chgo Ill (11)
Wheeling Corrugating Co Wheeling W Va (34)
Youngstown Manufacturing Inc 66 S Prospect Youngstown 6 Ohio

NOZZLES—hose

W D Allen Mfg Co 566 W Lake Chgo Ill
Boston Woven Hose & Rubber Co Cambridge Mass
Elkhart Brass Mfg Co Elkhart Ind
B F Goodrich Co Akron O
Scovil Mfg Co Waterbury Conn
H B Sherman Mfg Co Battle Creek Mich
United States Rubber Co 1230 5th Av NY NY

NUTS

American Screw Co Providence R I (43)
Bethlehem Steel Co Bethlehem Pa
Central Screw Co 3501 S Shields Av Chgo Ill
Chase Brass & Copper Co Waterbury 91 Conn
Clark Bros Bolt Co Milldale Conn
Columbia Nut & Bolt Co Inc Bridgeport 3 Conn
Continental Screw Co New Bedford Mass
The Eagle Lock Company Terryville Conn
Elco Tool & Screw Corp 1818 Broadway Rockford Ill
Wm H Haskell Mfg Co Pawtucket R I
Hubbard & Co 6301 Butler St Pittsburgh 1 Pa
Joslyn Mfg & Supply Co 20 N Wacker Dr Chgo Ill
Manufacturers Screw Prod 222 W Hubbard Chgo 10 Ill
Pheoll Mfg Co 5700 W Roosevelt Rd Chgo Ill
Pittsburgh Screw & Bolt Co Pittsburgh Pa
Republic Steel Corp Bolt & Nut Div Cleveland O
Russell Burdsall & Ward Bolt & Nut Co Port Chester NY
St Louis Screw & Bolt Co St Louis Mo
Screw Mach Specialty Co Pittsburgh Pa
Sheffield Steel Corp Kansas City Mo
United Screw & Bolt Corp 2513 W Cullerton Chgo Ill
Western Automatic Mach Screw Co Elyria O

OFFICE RECORDS AND SYSTEMS

Friden Calculating Machine Co Inc San Leandro Calif (201)
Hamilton Autographic Register Co Hamilton O
Northwest Metal Prods Co 1337 E Mason Green Bay Wis (218)
Remington Rand Inc Systems Div Buffalo 5 N Y (203)
United Autographic Register Co 5000 S California Av Chgo 32 Ill

OIL—flatting

Acme White Lead & Color Wks 8250 St Aubin Av Detroit 11 Mich
Chi-Namel Paint & Varnish Co Minneapolis Minn
The Eagle Picher Sales Co American Bldg Cincinnati 1 Ohio
W P Fuller & Co 301 Mission San Fran 19 Cal
Glidden Co Cleveland Ohio (12-13)
A C Horn Co 43-42 Tenth Long Island City 1 NY
Minnesota Linseed Oil Paint Co Minneapolis Minn
Nat'l Lead Co 111 Broadway NY NY
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)

OIL—linseed

Archer-Daniels Midland Co Minneapolis 2 Minn
Bisbee Linseed Co 2100 Lincoln Liberty Bldg Phil 7 Pa
Chi-Namel Paint & Varnish Co Minneapolis Minn
W P Fuller & Co 301 Mission San Fran 19 Cal
Wm S Gray & Co 342 Madison Av NY NY
Kellogg and Sons Inc Spencer Buffalo N Y
Martin Senour Co 2520 Quarry Chgo Ill
Minnesota Linseed Oil Paint Co Minneapolis Minn
National Lead Co 111 Broadway NY NY
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
Rockford Varnish Co Rockford Ill
Sherwin Williams Co Cleveland O (309)
Technical Oil Div South Tex Cotton Oil Co Houston Tex

OIL—linseed, replacement

Archer-Daniels Midland Co Minneapolis 2 Minn
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Bisbee Linseed Co 2100 Lincoln Liberty Bldg Phil 7 Pa
Chi-Namel Paint & Varnish Co Minneapolis Minn
Colorado Paint Co 3551 Blake Denver 5 Colo
W P Fuller & Co 301 Mission San Fran 19 Cal
Interstate Oil Co Kansas City Kansas
Minnesota Linseed Oil Paint Co Minneapolis Minn
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)

OVENS—electric drying

Detroit Sheet Mtl Wks Detroit Mich
Grand Rapids Vapor Kiln Inc Grand Rapids 2 Mich
Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)
Standard Dry Kiln Co P O Box 541 Indianapolis Ind
Westinghouse Elec & Mfg Co 306 Fourth Av Pittsburgh 30 Pa

OVENS—outdoor

The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Hancock Iron Wks Pontiac 14 Mich
Majestic Co Huntington Ind

Number in parenthesis indicates page on which advertisement appears

PACKAGE RECEIVERS

The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Excel Metal Cabinet Co Jamestown NY
Gabriel Steel Co Detroit 12 Mich
Majestic Co Huntington Ind
Milcor Steel Co So 41st & W Burnham Milwaukee 4 Wis
Rudiger Lang Co Berkeley Cal

PADLOCKS

Bemis & Call Co Springfield Mass
Best Universal Lock Co 10 No Senate Indianapolis 4 Ind
Chicago Lock Co 2024 Racine Av Chgo Ill
P & F Corbin New Britain Conn
Dudley Lock Corp 564 W Monroe Chgo Ill
The Eagle Lock Company Terryville Conn
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Four-Way Lock Co 4619 Ravenswood Av Chgo Ill
Independent Lock Co Fitchburg Mass
Lockwood Hdwe Mfg Co Fitchburg Mass
Master Lock Company Milwaukee 10 Wis
J B Miller Keyless Lock Co Kent O
Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdwe Co Lancaster Pa
Sargent & Co New Haven Conn
Segal Lock & Hdwe Co Inc 395 Broadway NY 13 NY
Waterbury Lock & Specialty Co Milford Conn
Yale & Towne Mfg Co Stamford Conn

PAINT

Acme White Lead & Color Wks 8250 St Aubin Av Detroit 11 Mich
Alabastine Paint Prod Grand Rapids Mich
American Marietta Co 43 E Ohio Chgo 11 Ill
Arco Co Cleveland O
Armstrong Paint & Varnish Wks 1330 S Kilbourn Av Chgo Ill
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Baker Paint & Varnish Co Jersey City N J
Berry Bros Inc Detroit 7 Mich
Boston Varnish Co Boston Mass (33)
Bradley & Vrooman Co 2629 S Dearborn Chgo Ill
Breinig Brothers Inc 1st & Harrison Hoboken N J
A Burdsal Co Indianapolis Ind
Samuel Cabot Inc 141 Milk St Boston 9 Mass (98)
Calbar Paint & Varnish Co 2612 N Martha Phil 25 Pa
Campbell Paint & Varnish Co St Louis Mo
Central Paint & Varnish Wks 69 Prospect Brooklyn N Y
Cheesman-Elliot Co Inc 647 Kent Av Brooklyn N Y
Chicago Paints Inc 4500 W 14 Chgo Ill
Chi-Namel Paint & Varnish Co Minneapolis Minn
Colorado Paint Co 3551 Blake Denver 5 Colo
Cook Paint & Varnish Co Kansas City Mo
Dean & Barry Co Columbus O
De Soto Paint & Varnish Co Memphis Tenn
Detroit White Lead Wks 8250 St Aubin Av Detroit 11 Mich
Devoe & Raynolds Co Inc 787 First Av NY 17 NY (44-45)
E I Du Pont de Nemours & Co Inc Wilmington Del
Enterprise Paint Mfg Co 337 S Peoria Chgo Ill
T C Esser Co Milwaukee Wis
Farwell Ozmun Kirk & Co St Paul 1 Minn
Felton Sibley & Co Inc 136 N 4th Philadelphia 6 Pa
Fort Pitt Chem Co Pittsburgh 22 Pa
The Foy Paint Co Inc Cincinnati 12 Ohio
W P Fuller & Co 301 Mission San Fran 19 Cal
Gillespie Varnish Co Dey & Howell Sts Jersey City N J
Glidden Co Cleveland O (12-13)
Globe Paint Wks Inc 202-208 Market Williamsport 5 Pa
Grand Rapids Varnish Corp 565 Godfrey Av S W Grand Rapids 2 Mich
Great Lakes Varnish Wks Inc 2215 N Pulaski Chgo Ill
Hampden Paint & Chem Co Springfield Mass
Hanna Paint Mfg Co Columbus O
Heath & Milligan Mfg Co 1833 S Normal Chgo Ill
Indiana Indestructible Paint Co 4124 Parker Chgo Ill
Jewel Paint & Varnish Co 345 N Western Chgo Ill
The R F Johnston Paint Co Cincinnati 12 Ohio
Keystone Varnish Co 71 Otsego St Brooklyn 31 N Y
I F Laucks Inc 911 Western Av Seattle 4 Wash
W W Lawrence & Co 1124 W Carson Pittsburgh 19 Pa
Lowe Bros Co Dayton O (61)
John Lucas & Co Philadelphia Pa
The Marietta Paint & Color Co Marietta Ohio
Mar-Kay Mfg Co 2715 S Second St St Louis Mo
Martin Senour Co 2520 Quarry Chgo Ill
John W Masury & Son Inc 11 W 42 Brooklyn N Y
Minnesota Linseed Oil Paint Co Minneapolis Minn
Mobile Paint Mfg Co Mobile Ala
Benj Moore & Co 511 Canal NY NY
Muralo Co Inc 566 Richmond Terrace Staten Island N Y
Murphy Finishes Corp 224 McWhorter Newark 1 NJ
O'Brien Varnish Co So Bend Ind (103)
Paraffine Cos Inc San Francisco Cal
Ira Parker & Sons Co Oshkosh Wis
Patterson-Sargent Co Cleveland O
Peaslee-Gaulbert Paint & Varnish Co Inc Louisville Ky
Pecora Paint Co Inc Philadelphia Pa
Phelan-Faust Paint Mfg Co St Louis Mo
Pittsburgh Plate Glass Co Paint Div Pittsburgh Pa (204)
Pratt & Lambert Inc 75 Tonawanda Buffalo 7 NY
Reilly Tar & Chemical Corp Indianapolis 4 Ind
Republic Creosoting Co Indianapolis 4 Ind (196)
Sargent-Gerke Co Indianapolis Ind
Sherwin-Williams Co Cleveland O (309)
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Tropical Paint & Oil Co Cleveland O
Truscon Labs Detroit Mich
Valentine & Co Inc 11 E 36 NY NY
Vita-Var Corp Newark N J (310)
Wadsworth Howland & Co 141 Federal Boston Mass
A Wilhelm Co Reading Pa

PAINT—asphalt

Abesto Mfg Co Michigan City Ind (208)
Adams & Elting Co 1833 S Normal Chgo Ill
American Asphalt Roof Corp Kansas City Mo
American Marietta Co 43 E Ohio Chgo 11 Ill
Armstrong Paint & Varnish Wks 1318 S Kilbourn Av Chgo Ill
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Baker Paint & Varnish Co Jersey City N J
Barrett Div Allied Chem & Dye Corp 40 Rector St NY NY
Boston Varnish Co E Everett Mass (33)
Calbar Paint & Varnish Co 2612 N Martha Phil 25 Pa
Philip Carey Mfg Co Cincinnati 15 O (65)
Ceresit Waterproofing Corp 512 S Canal Chgo Ill
Chemical Supply Co 225 Plymouth Bldg Cleveland 15 Ohio
Chi-Namel Paint & Varnish Co Minneapolis Minn
Colorado Paint Co 3551 Blake Denver 5 Colo
Detroit White Lead Wks 8250 St Aubin Av Detroit 11 Mich
Devoe & Raynolds Co Inc 787 1st Av NY 17 NY (44-45)
E I DuPont de Nemours & Co Inc Wilmington Del
Flintkote Co 30 Rockefeller Plaza NY NY (73)
Farwell Ozmun Kirk & Co St Paul 1 Minn
Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
Fort Pitt Chem Co Pittsburgh 22 Pa
Gillespie Varnish Co Dey & Howell Sts Jersey City N J
Glidden Co Cleveland O (12-13)
Globe Paint Wks Inc 202-208 Market Williamsport 5 Pa
Grand Rapids Varnish Corp 565 Godfrey Av S W Grand Rapids 2 Mich
A C Horn Co 4326 Tenth Long Island City N Y
Jewel Paint & Varnish Co 345 N Western Av Chgo Ill
Lehon Co 4425 S Oakley Chgo Ill
Lowe Bros Co Dayton O (61)
The Marietta Paint & Color Co Marietta Ohio
Mar-Kay Mfg Co 2715 S Second St St Louis Mo
Martin Senour Co 2520 Quarry Chgo Ill
Mathews Paint Co Los Angeles Calif
Minnesota Linseed Oil Paint Co Minneapolis Minn
Minwax Co Inc 11 W 42nd NY NY
National Mfg Corp Tonawanda N Y
O'Brien Varnish Co So Bend Ind (103)
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Ira Parker & Sons Co Oshkosh Wis
Pecora Paint Co Phil Pa
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
Presstite Engineering 3900 Chouteau Av St Louis 10 Mo
The Ruberold Co 500 Fifth Ave NY 18 NY (83)
Rutland Fire Clay Co Rutland Vt
Sherwin-Williams Co Cleveland O (309)
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
The Texas Company 135 E 42nd NY NY
Valentine & Co Inc 11 E 36 NY 16 NY
Vita-Var Corp Newark N J (310)
Wadsworth Howland & Co 141 Federal Boston Mass

PAINT—barn and roof

Alabastine Paint Prod Grand Rapids Mich
American Marietta Co 43 E Ohio Chgo 11 Ill
Arco Co Cleveland O
Armstrong Paint & Varnish Wks 1318 S Kilbourn Av Chgo Ill
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Baker Paint & Varnish Co Jersey City N J
Berry Bros Detroit Mich
The Black Diamond Paint & Varnish Works Inc 1209 Bank St Cincinnati 14 Ohio
Breinig Brothers Inc 1st & Harrison Hoboken N J
A Burdsall Co Indianapolis Ind
Calbar Paint & Varnish Co 2612 N Martha Phil 25 Pa
Chi-Namel Paint & Varnish Co Minneapolis Minn
Colorado Paint Co 3551 Blake Denver 5 Colo
Detroit White Lead Wks 8250 St Aubin Av Detroit 11 Mich
Jos Dixon Crucible Co Jersey City N J
E I du Pont de Nemours & Co Inc Wilmington Del
Eberson-Lindsley Paint Co St Louis Mo
Farwell Ozmun Kirk & Co St Paul 1 Minn
Fort Pitt Chem Co Pittsburgh 22 Pa
The Foy Paint Co Inc Cincinnati 12 Ohio
W P Fuller & Co 301 Mission San Fran 19 Cal
Gillespie Varnish Co Dey & Howell Sts Jersey City N J
Glidden Co Cleveland O (12-13)
Globe Paint Wks Inc 202-208 Market Williamsport 5 Pa
Grand Rapids Varnish Corp 565 Godfrey Av S W Grand Rapids 2 Mich
Great Lakes Varnish Wks Inc 2215 N Pulaski Chgo Ill
Hanna Paint Mfg Co Columbus O
Harrop Chemical Co 135 Hoboken Av Jersey City 2 N J
Indiana Indestructible Paint Co 4124 Parker Chgo Ill
The R F Johnston Paint Co Cincinnati 12 Ohio
Keystone Varnish Co 71 Otsego St Brooklyn 31 N Y
W W Lawrence & Co 1124 W Carson Pittsburgh 19 Pa
Lowe Bros Co Dayton O (61)
John Lucas & Co Phil Pa
The Marietta Paint & Color Co Marietta Ohio
Mar-Kay Mfg Co 2715 S Second St St Louis Mo
Martin Senour Co 2520 Quarry Chgo Ill
J W Masury & Son Inc Sharp & Ostend Baltimore Md
Mathews Paint Co Los Angeles Cal
Minnesota Linseed Oil Paint Co Minneapolis Minn
Benj Moore & Co 511 Canal NY NY

Number in parenthesis indicates page on which advertisement appears

Murphy Finishes Corp 224 McWhorter Newark 1 NJ
O'Brien Varnish Co So Bend Ind (103)
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Patterson-Sargent Co Cleveland O
Pioneer Mfg Co Cleveland Ohio
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
Pratt & Lambert Inc 75 Tonawanda Buffalo 7 NY
Rutland Fire Clay Co Rutland Vt
St Louis Surfacer & Paint Co St Louis Mo
Sargent-Gerke Co Indianapolis 6 Ind
Sherwin-Williams Co Cleveland O (309)
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Valentine & Co Inc 11 E 36 NY NY
Vita-Var Corp Newark N J (310)
Wilbur & Williams Co Boston Mass
Wadsworth Howland & Co 141 Federal Boston Mass

PAINT—casein & cold water

Acme White Lead & Color Wks 8250 St Aubin Av Detroit 11 Mich
Alabastine Paint Prod Grand Rapids Mich
American Marietta Co 43 E Ohio Chgo 11 Ill
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Samuel Cabot Inc 141 Milk St Boston 9 Mass (98)
Carbola Chemical Co Inc Natural Bridge N Y
Chi-Namel Paint & Varnish Co Minneapolis Minn
E D Coddington Mfg Co Milwaukee 9 Wis
Detroit White Lead Wks 8250 St Aubin Av Detroit 11 Mich
Devoe & Raynolds Co Inc 787 1st Av NY 17 NY (44-45)
E I Du Pont de Nemours Co Wilmington Del
Gillespie Varnish Co Dey & Howell Sts Jersey City N J
Glidden Co Cleveland O (12-13)
Great Lakes Varnish Wks Inc 2215 N Pulaski Chgo Ill
Harrop Chemical Co 135 Hoboken Av Jersey City 2 N J
A C Horn Co 43-36 Tenth Long Island City N Y
I F Laucks Inc 911 Western Av Seattle 4 Wash
Lignotite Co 2725 Archer Av Chgo Ill
Lowe Bros Co Dayton O (61)
The Marietta Paint & Color Co Marietta Ohio
Mar-Kay Mfg Co 2715 S Second St St Louis Mo
Martin Senour Co 2520 Quarry Chgo Ill
Monsanto Chemical Co 1700 S Second St Louis 4 Mo
Minnesota Linseed Oil Paint Co Minneapolis Minn
Muralo Co Inc 572 Richmond Terrace Staten Island 1 NY
National Gypsum Co Buffalo N Y (69)
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Ira Parker & Sons Co Oshkosh Wis
Peaslee-Gaulbert Paint & Varnish Co Louisville Ky
Pecora Paint Co American & Venango Philadelphia 40 Pa
Pioneer Mfg Co Cleveland O
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
Reardon Co St Louis 6 Mo
Ricketson Mineral Color Wks Milwaukee Wis
Sherwin-Williams Co Cleveland O (309)
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
Sterling Paint & Varnish Co Malden Mass
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
U S Gypsum Co 300 W Adams Chgo 6 (59)
Vita-Var Corp Newark N J (310)
Wadsworth Howland & Co 141 Federal Boston Mass
Wesco Waterpaints Inc East Boston Mass
Wilbur & Williams Co Boston Mass

PAINT—cement, brick, concrete

Acme White Lead & Color Wks 8250 St Aubin Av Detroit 11 Mich
Adensite Co Inc 37-19 23rd St L I City NY
Alabastine Paint Prod Grand Rapids Mich
American Fluresit Co Cincinnati 29 O
American Marietta Co 43 E Ohio Chgo 11 Ill
Anti-Hydro-Waterproofing Co Newark N J
Arco Co Cleveland O
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
The Black Diamond Paint & Varnish Works Inc 1209 Bank St Cincinnati 14 Ohio
Breinig Brothers Inc 1st & Harrison Hoboken N J
A Burdsall Co Indianapolis Ind
Samuel Cabot Inc 141 Milk St Boston 9 Mass (98)
Calbar Paint & Varnish Co 2612 N Martha Phil 25 Pa
Ceresit Waterproofing Corp 512 S Canal Chicago 7 Ill
Cheesman-Elliot Co 641 Kent Av Brooklyn N Y
Chi-Namel Paint & Varnish Co Minneapolis Minn
E D Coddington Mfg Co Milwaukee 9 Wis
De Soto Paint & Varnish Co Memphis Tenn
Detroit White Lead Wks 8250 St Aubin Av Detroit 11 Mich
Devoe & Raynolds Co Inc 787 1st Av NY 17 NY (44-45)
E I DuPont de Nemours & Co Inc Wilmington Del
Evercrete Corp 19 W 44th NY 18 NY
Ford Roofing Prod Co 111 W Washington Chgo Ill (205)
M Ewing Fox Co Inc 240 E 136th NY NY
The Foy Paint Co Inc Cincinnati 12 Ohio
W P Fuller & Co 301 Mission San Fran 19 Cal
Foy Paint Co Inc Cincinnati O
Frazer Paint Co Detroit Mich
Gillespie Varnish Co Dey & Howell Sts Jersey City N J
Glidden Co Cleveland O (12-13)
Globe Paint Wks Inc 202-208 Market Williamsport 5 Pa
Grand Rapids Varnish Corp 565 Godfrey Av S W Grand Rapids 2 Mich
Great Lakes Varnish Wks Inc 2215 N Pulaski Chgo Ill
Hanna Paint Mfg Columbus O
Harrop Chemical Co 135 Hoboken Av Jersey City 2 N J
A C Horn Co 43-36 Tenth Long Island City N Y
The R F Johnston Paint Co Cincinnati 12 Ohio
Keystone Varnish Co 71 Otsego St Brooklyn 31 N Y
I F Laucks Inc 911 Western Av Seattle 4 Wash
W W Lawrence & Co 1124 W Carson Pittsburgh 19 Pa
Lowe Bros Co Dayton O (61)
John Lucas & Co Phil Pa
The Marietta Paint & Color Co Marietta Ohio
Mar-Kay Mfg Co 2715 S Second St St Louis Mo
Martin Senour Co 2520 Quarry Chgo Ill
J W Masury & Son Inc Sharp & Ostend Baltimore Md
Mathews Paint Co Los Angeles Calif
Minnesota Linseed Oil Paint Co Minneapolis Minn
Minwax Co Inc 11 W 42nd NY NY
Monsanto Chemical Co 1700 S Second St Louis 4 Mo
Benj Moore & Co 511 Canal NY NY
Muralo Co Inc 566 Richmond Terrace Staten Island N Y
National Gypsum Co Buffalo N Y (69)
O'Brien Varnish Co So Bend Ind (103)
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Ira Parker & Sons Co Oshkosh Wis
Patterson Sargent Co Cleveland O
Peaslee-Gaulbert Co Louisville Ky
Pecora Paint Co Phil Pa
Phelan-Faust Paint Mfg Co St Louis Mo
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
Pratt & Lambert Inc 75 Tonawanda Buffalo 7 NY
Reardon Co St Louis 6 Mo
Reilly Tar & Chemical Corp Indianapolis 4 Ind
Republic Creosoting Co Indianapolis 4 Ind (196)
Ricketson Mineral Color Wks Milwaukee Wis
Sealcon Prod Inc 927 Second Av S Minneapolis 2 Minn
Sherwin-Williams Co Cleveland O (309)
Smooth-On Mfg Co 568-574 Communipaw Av Jersey City 4 N J
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY. 100
Standard Varnish Works 2589 Richmond Terrace Staten Island N Y
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
Truscon Labs Detroit Mich
United States Gypsum Co 300 W Adams Chgo Ill (59)
Vita-Var Corp Newark N J (310)
Wadsworth Howland & Co 141 Federal Boston Mass
Wilbur & Williams Co Boston Mass
C A Woolsey Paint & Color Co 229 E 42 NY NY

PAINT—dry kiln

Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Black Cat Corp Hattiesburg Miss
Globe Paint Wks Inc 202-208 Market Williamsport 5 Pa
Grand Rapids Vapor Kiln Inc Grand Rapids 2 Mich
Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla 187
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
Sherwin-Williams Co Cleveland O (309)
Standard Dry Kiln Co P O Box 541 Indianapolis Ind
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)

PAINT—lead

American Marietta Co 43 E Ohio Chgo 11 Ill
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Breinig Brothers Inc 1st & Harrison Hoboken N J
A Burdsal Co Indianapolis Ind
Colorado Paint Co 3551 Blake Denver 5 Colo
Detroit White Lead Wks 8250 St Aubin Av Detroit 11 Mich
Devoe & Raynolds Co Inc 787 1st Av NY 17 NY (44-45)
The Eagle-Picher Sales Co American Bldg Cincinnati 1 Ohio
W P Fuller & Co 301 Mission San Fran 19 Cal
Glidden Co Cleveland O (12-13)
Globe Paint Wks Inc 202-208 Market Williamsport 5 Pa
Grand Rapids Varnish Corp 565 Godfrey Av S W Grand Rapids 2 Mich
A C Horn Co 43-42 Tenth Long Island City 1 NY
Inland White Lead Co 741 W Gladys Chgo Ill
W W Lawrence & Co 1124 W Carson Pittsburgh 19 Pa
Mar-Kay Mfg Co 2715 S Second St St Louis Mo
Natl Lead Co 111 Broadway NY NY
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
Sherwin-Williams Co Cleveland O (309)
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Truscon Labs Detroit Mich

PAINT—lumber end check degrade

Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Chi-Namel Paint & Varnish Co Minneapolis Minn
Colorado Paint Co 3551 Blake Denver 5 Colo
W P Fuller & Co 301 Mission San Fran 19 Cal
Glidden Co Cleveland O (12-13)
Globe Paint Wks Inc 202-208 Market Williamsport 5 Pa
The Marietta Paint & Color Co Marietta Ohio
Minnesota Linseed Oil Paint Co Minneapolis Minn
Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)

L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Standard Dry Kiln Co P O Box 541 Indianapolis Ind
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)

PAINT—marine

Alabastine Paint Prod Grand Rapids Mich
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
The Black Diamond Paint & Varnish Works Inc 1209 Bank St Cincinnati 14 Ohio
Bradley & Vrooman 2629 S Dearborn Chgo Ill
Samuel Cabot Inc 141 Milk St Boston 9 Mass (98)
Chi-Namel Paint & Varnish Co Minneapolis Minn
De Soto Paint & Varnish Co Memphis Tenn
Detroit White Lead Wks 8250 St Aubin Av Detroit 11 Mich
Devoe & Raynolds 787 1st Av NY 17 NY (44-45)
E I du Pont de Nemours & Co Inc Wilmington Del
W P Fuller & Co 301 Mission San Fran 19 Cal
Gillespie Varnish Co Dey & Howell Sts Jersey City N J
Glidden Co Cleveland O (12-13)
Globe Paint Wks Inc 202-208 Market Williamsport 5 Pa
Grand Rapids Varnish Corp 565 Godfrey Av S W Grand Rapids 2 Mich
A C Horn Co 43-36 Tenth Long Island City N Y
W W Lawrence & Co 1124 W Carson Pittsburgh 19 Pa
John Lucas & Co Inc Philadelphia Pa
The Marietta Paint & Color Co Marietta Ohio
Martin Senour Co 2520 Quarry Chgo Ill
Minnesota Linseed Oil Paint Co Minneapolis Minn
O'Brien Varnish Co South Bend Ind (103)
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
Pratt & Lambert Inc 75 Tonawanda Buffalo 7 NY
Sherwin-Williams Co Cleveland O (309)
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Valentine & Co Inc 11 E 36th NY 16 NY

PAINT—metallic

Alabastine Paint Prod Grand Rapids Mich
American Asphalt Roof Corp Kansas City Mo
American Marietta Co 43 E Ohio Chgo 11 Ill
Arco Co Cleveland O
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Barrett Div Allied Chemical & Dye Corp 40 Rector NY NY
The Black Diamond Paint & Varnish Works Inc 1209 Bank St Cincinnati 14 Ohio
A Burdsal Co Indianapolis Ind
Samuel Cabot Inc 141 Milk St Boston 9 Mass (98)
Calbar Paint & Varnish Co 2612 N Martha Phil 25 Pa
Chi-Namel Paint & Varnish Co Minneapolis Minn
Colorado Paint Co 3551 Blake Denver 5 Colo
De Soto Paint & Varnish Co Memphis Tenn
Devoe & Raynolds Co 787 1st Av NY 17 NY (44-45)
E I du Pont de Nemours & Co Wilmington Del
Fort Pitt Chem Co Pittsburgh 22 Pa
The Foy Paint Co Inc Cincinnati 12 Ohio
W P Fuller & Co 301 Mission San Fran 19 Cal
Gillespie Varnish Co Dey & Howell Sts Jersey City N J
Glidden Co Cleveland O (12-13)
Globe Paint Wks Inc 202-208 Market Williamsport 5 Pa
Grand Rapids Varnish Corp 565 Godfrey Av S W Grand Rapids 2 Mich
Hanna Paint Mfg Co Columbus O
The R F Johnston Paint Co Cincinnati 12 Ohio
W W Lawrence & Co 1124 W Carson Pittsburgh 19 Pa
Lehon Co 4425 S Oakley Av Chgo Ill
Lowe Bros Co Dayton O (61)
John Lucas & Co Philadelphia Pa
Mar-Kay Mfg Co 2715 S Second St St Louis Mo
Minnesota Linseed Oil Paint Co Minneapolis Minn
O'Brien Varnish Co So Bend Ind (103)
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Pecora Paint Co Philadelphia Pa
Phelan-Faust Paint Mfg Co St Louis Mo
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
Premier Chemical Co Cleveland O
Rutland Fire Clay Co Rutland Vt
Seidlitz Paint & Varnish Co Kansas City Mo
Sherwin-Williams Co Cleveland O (309)
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Thompson & Co Pittsburgh Pa
Truscon Lab Detroit Mich
U S Gutta Percha Paint Co Providence R I
Valentine & Co Inc 11 E 36th NYC NY
Vita-Var Corp Newark N J (310)
Wadsworth Howland & Co 141 Federal Boston Mass
Wilbur & Williams Co Boston Mass
C A Woolsey Paint & Color Co 229 E 42nd NY NY

PAINT—tree

Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Samuel Cabot Inc 141 Milk St Boston 9 Mass (98)
Colorado Paint Co 3551 Blake Denver 5 Colo
Glidden Co Cleveland O (12-13)
Globe Paint Wks Inc 202-208 Market Williamsport 5 Pa
Harrop Chemical Co 135 Hoboken Av Jersey City 2 N J
A C Horn Co 43-42 Tenth Long Island City 1 NY
Lowe Bros Co Dayton O (61)
Pecora Paint Co Philadelphia Pa
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Southport Paint Co Savannah Ga
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)

PAINT REMOVER

Acme White Lead & Color Wks 8250 St Aubin Av Detroit 11 Mich
American Marietta Co 43 E Ohio Chgo 11 Ill
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Boston Varnish Co Boston 49 Mass (33)
Boyle-Midway Inc 257 Cornelison Av Jersey City 2 N J
Breinig Brothers Inc 1st & Harrison Hoboken N J
A Burdsal Co Indianapolis Ind
Chi-Namel Paint & Varnish Co Minneapolis Minn
Colorado Paint Co 3551 Blake Denver 5 Colo
Consumers Glue Co St Louis 18 Mo
Detroit White Lead Wks 8250 St Aubin Av Detroit 11 Mich
The Dow Chemical Co Midland Mich (89)
W P Fuller & Co 301 Mission San Fran 19 Cal
Gillespie Varnish Co Dey & Howell Sts Jersey City N J
Glidden Co Cleveland O (12-13)
Grand Rapids Varnish Corp 565 Godfrey Av S W Grand Rapids 2 Mich
Great Lakes Varnish Wks Inc 2215 N Pulaski Chgo Ill
Harron Chemical Co 135 Hoboken Av Jersey City 2 N J
W W Lawrence & Co 1124 W Carson Pittsburgh 19 Pa
The Marietta Paint & Color Co Marietta Ohio
Mar-Kay Mfg Co 2715 S Second St St Louis Mo
Martin Senour Co 2520 Quarry Chgo Ill
Minnesota Linseed Oil Paint Co Minneapolis Minn
O'Brien Varnish Co South Bend Ind (103)
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
Pratt & Lambert Inc 75 Tonawanda Buffalo 7 NY
The Savogran Co Boston 10 Mass (19)
So-Lo Wks Inc Loveland Ohio
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
Valentine & Co Inc 11 E 36th NY 16 NY
Wadsworth Howland & Co 141 Federal Boston Mass

PAINT STICKS

Markal Co 607R N Western Av Chgo 12 Ill
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (209)

PAPER—asbestos

Acme Asbestos Covering & Flooring Co 302 N Ada Chgo Ill
Philip Carey Mfg Co Cincinnati 15 O (65)
Ehret Magnesia Mfg Co Inc Valley Forge Pa
Johns-Manville Corp 22 E 40th NY 16 NY
Keasbey & Mattison Co Ambler Pa
The Ruberoid Co 500 Fifth Av NY 18 NY (83)
Sall Mountain Co 176 W Adams Chgo Ill
Smith & Kanzler Inc Elizabeth N J
Standard Asbestos Mfg Co 820 W Lake Chgo 7 Ill
Thilmany Pulp & Paper Co Kaukauna Wis

PAPER—building, roofing & sheathing

American Asphalt Roof Corp Kansas City Mo
Angier Sales Corp Framingham Mass
Bird & Son Inc East Walpole Mass (30-31)
Philip Carey Mfg Co Cincinnati 15 O (65)
Celotex Corp 120 S LaSalle Chgo Ill (10)
Certain-teed Prods Corp 120 S LaSalle Chgo Ill (25)
Fleming & Sons Inc Dallas Tex
Flintkote Co 30 Rockefeller Plaza NY NY (73)
Ford Roofing Prod Co 111 W Washington Chgo Ill (205)
Globe Roofing Prod Co Inc Whiting Ind
Johns-Manville Corp 22 E 40th NY 16 NY
Koppers Co Tar & Chemical Div Pittsburgh Pa
Lehon Co 4425 S Oakley Av Chgo Ill
Natl Mfg Corp Tonawanda N Y
B F Nelson Mfg Co Minneapolis Minn
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Pioneer Flintkote Co Los Angeles Cal
Reilly Tar & Chemical Corp Indianapolis Ind
The Ruberoid Co 500 Fifth Av NY 18 NY (83)
The Sisalkraft Co 205 W Wacker Dr Chgo 6 Ill (101)
Thilmany Pulp & Paper Co Kaukauna Wis
United States Gypsum Co 300 W Adams Chgo Ill (59)
Wood Conversion Co St Paul Minn (22-23)

PAPER—concrete curing

Angier Sales Corp Framingham Mass
Certain-teed Prods Corp 120 S LaSalle Chgo Ill (25)
The Ruberoid Co 500 Fifth Av NY 18 NY (83)
The Sisalkraft Co 205 W Wacker Dr Chgo 6 Ill (101)

PAPER—decorative building

Fleming & Sons Inc Dallas Tex

PARTITIONS—glass counter

Cyclone Fence Div American Steel & Wire Co., P O Box 260 Waukegan 1 Ill
W C Heller & Co 539 N Clark St Montpelier Ohio
J D Warren Mfg Co Montpelier O

PARTITIONS—glass wall

Libbey-Owens-Ford Co Toledo O (81)
Pittsburgh Plate Glass Co Pittsburgh Pa (99)

PATCHER—concrete

American Fluresit Co Cincinnati 29 O
Anti-Hydro Waterproofing Co Newark 8 N J
Ceresit Waterproofing Corp 512 S Canal Chgo 7 Ill
E D Coddington Mfg Co Milwaukee 9 Wis
Consumers Glue Co St Louis 18 Mo
Evercrete Corp 19 W 44 NY 18 NY
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)

Number in parenthesis indicates page on which advertisement appears

PATTERNS—homecraft, bldg. & woodworking

Easi Bild Pattern Co Pleasantville N Y

PENCILS—carpenters'

Blaisdell Pencil Co Philadelphia Pa
Jos Dixon Crucible Co Jersey City N J
Eagle Pencil Co 703 E 13th NY 9 NY
Economy Novelty & Prtg Co 225 W 39 NY 18 NY
A W Faber Inc Newark N J

PENCILS—drawing

Jos Dixon Crucible Co Jersey City 3 N J
Eagle Pencil Co 703 E 13th NY 9 NY
Eugene Dietzgen 2425 N Sheffield Av Chgo Ill
Keuffel & Esser Co 127 Fulton NY NY
Koh-I-Noor Pencil Co 373 Fourth Av NY NY

PIPE—asbestos cement

Johns-Manville Corp 22 E 40th NY 16 NY
Keasbey & Mattison Co Ambler Pa
Standard Asbestos Mfg Co 822 W Lake Chgo Ill

PIPE—clay, sewer

Cannelton Sewer Pipe Co Inc Cannelton Ind
Chicago Fire Brick Co 1461 N Elston Av Chgo Ill
Columbia Pipe Co Columbia S C
S R Dee Bloomingdale Ind
Dennison Sewer Pipe Co Dennison Ohio
Denver Sewer Pipe & Clay Co Denver Colo
W. S. Dickey Clay Mfg Co Kansas City Mo
Evans Pipe Co Uhrichsville O
Fairmont Wall Plaster Co Fairmont W Va
Gladding-McBean & Co Los Angeles Calif
Laclede-Christy Clay Prod Co St Louis Mo
Lehigh Sewer Pipe & Tile Co Ft Dodge Ia
Robinson Clay Products Co Akron O
Streator Drain Pipe Co Streator Ill
Universal Sewer Pipe Corp Cleveland O
Washington Brick & Lime Co Spokane 8 Wash.
What Cheer Clay Prod Co What Cheer Ia

PIPE—conductor, eaves trough

American Rolling Mill Co Middletown O
W R Ames Co San Francisco Calif
Barnes Metal Prod Co 4425 W 16 Chgo Ill
Lyon Conklin & Co Baltimore 30 Md
Continental Steel Corp Kokomo Ind
The Edwards Mfg Co 427-477 Culvert Cincinnati Ohio
Gedge Bros Iron Roofing Co Anderson Ind
C G Hussey & Co Pittsburgh Pa
Klauer Mfg Co Dubuque Ia
Lyon Conklin & Co Baltimore Md
Martin Metal Mfg Co Wichita Kans
Mid-States Steel & Wire Co Crawfordsville Ind
Milcor Steel Co So 41st & W Burnham Milwaukee 4 Wis
Newport Rolling Mill Co Newport Ky
Northwest Metal Prod Inc Seattle 4 Wash
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Wheeling Corrugating Co Wheeling W Va (34)
Williams-Wallace Co San Francisco Calif
York Corrugating Co York Pa

PIPE—fibre

Crane Company 836 S Michigan Av Chgo Ill
Fibre Conduit Co Orangeburg N Y (121)

PIPE—iron culvert

American Rolling Mills Middletown O
Beall Pipe & Tank Corp Portland Ore
Bethlehem Steel Co Bethlehem Pa
The Edwards Mfg Co 427-477 Culvert Cincinnati Ohio
Newport Rolling Mill Co Newport Ky
Republic Steel Corp Cleveland O
St Paul Corrugating Co St Paul Minn
Wheeling Corrugating Co Wheeling W Va (34)

PIPE—steel

American Rolling Mills Co Middletown Ohio
Beall Pipe & Tank Corp Portland Ore
Bethlehem Steel Co Bethlehem Pa
Crane Company 836 S Michigan Av Chgo Ill
Dempster Mill Mfg Co Beatrice Neb
Houston Blow Pipe & Sheet Mtl Wks Houston Tex (28)
Jones & Laughlin Steel Corp Pittsburgh Pa
Laclede Steel Co St Louis Mo
Republic Steel Corp Cleveland O
Wheeling Steel Corp Wheeling W Va (34)
Youngstown Steel Prods Youngstown O

PIPE—wood

Baltimore Cooperage Tank & Tower Co Baltimore Md
Caspar Lbr Co San Francisco Calif
Federal Pipe & Tank Co Seattle Wash
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
Pacific Wood Tank Corp San Fran Cal
Redwood Mfrs Co Pittsburg Calif
Union Lumber Co San Francisco Calif
A Wyckoff & Son Co Elmira N Y

PIPE CLEANERS—chemical

L B Allen Co Inc 6727 W Bryn Mawr Av Chgo Ill
Amer Prods Co Cincinnati O
B T Babbitt 386 4 Av NY NY
Black Swan Mfg Co 2235 W Grand Av Chgo Ill
Boyer Chem Laby Co Inc 2700 Wabash Av Chgo Ill
Colorado Paint Co 3551 Blake Denver 5 Colo
M E Curtis Mfg Co Boston Mass
R M Hollingshead Co Camden N J
Pioneer Mfg Co Cleveland Ohio
Rutland Fire Clay Co Rutland Vt
Saginaw Salt Prods Co Saginaw Mich
U S Sanitary Specialties Co 337 S Western Av Chgo Ill

PIPE COVERING—asbestos

Philip Carey Mfg Co Cincinnati 15 O (65)
Crane Company 836 S Michigan Av Chgo Ill
Ehret Magnesia Mfg Co Inc Valley Forge Pa
Johns-Manville Corp 22 E 40th NY 16 NY
Keasbey & Mattison Co Ambler Pa
Luse-Stevenson Co 873 W Blackhawk Chgo Ill
The Ruberoid Co 500 Fifth Av NY 18 NY (83)
Standard Asbestos Mfg Co 820 W Lake Chgo 7 Ill

PIPE JOINT COMPOUNDS

Black Swan Mfg Co 2235 W Grand Av Chgo Ill
Calbar Paint & Varnish Co 2612 N Martha Phil 25 Pa
Jos Dixon Crucible Co Jersey City N J
Grinnell Co Providence R I
Irvington Varnish & Insulator Co Irvington N J
Reilly Tar & Chemical Corp Indianapolis 4 Ind
Republic Creosoting Co Indianapolis 4 Ind (196)
Rutland Fire Clay Co Rutland Vt
Smooth-On Mfg Co 568-574 Communipaw Av Jersey City 4 N J
So-Lo Wks Inc Loveland O
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
X-Pando Corp 43-15 36th Long Island City N Y

PIPE & TUBING—plastic

Amerline 1753 N Honore Chgo 22 Ill
Broadway Rubber Mfg Co 529 E Broadway Louisville 2 Ky
Detroit Macoid Corp Detroit Mich
Extruded Plastics Inc Norwalk Conn
General Electric Co Chemical Dept Pittsfield Mass
Irvington Varnish & Insulator Co Irvington N J
Miller Rubber Industrial Prod Div of The B F Goodrich Co Akron Ohio
R D Werner Co Inc 380 Second Av NY NY

PLANK—extension

J R Clark Co Minneapolis 5 Minn
Rich Ladder Mfg Co 1000 Depot St Cincinnati Ohio
Zoss Ladder & Mfg Co Portland 1 Ore

PLANK—fibre insulating

Armstrong Cork Co Bldg Materials Div Lancaster Pa
Celotex Corp 120 S LaSalle Chgo Ill (10)
Fir-Tex Portland Ore
Johns-Manville Corp 22 E 40th NY 16 NY
Insulite Minneapolis 2 Minn
Masonite Corp 111 W Washington Chgo Ill
National Gypsum Co Buffalo N Y (69)
U S Gypsum Co 300 W Adams Chgo Ill (59)
Wood Conversion Co St Paul Minn (22-23)

PLANK—gypsum

Certain-teed Prod Corp 120 S La Salle Chgo Ill (25)
Natl Gypsum Co Buffalo N Y (69)
U S Gypsum Co 300 W Adams Chgo 6 Ill (59)

PLASTER—acoustical

Celotex Corp 120 S LaSalle Chgo Ill (10)
Certain-teed Prods Corp 120 S LaSalle Chgo Ill (25)
Grand Rapids Plaster Co Grand Rapids Mich
Johns-Manville Corp 22 E 40th NY 16 NY
Kelley Island Lime & Transport Co 1122 Leader Bldg Cleveland 14 Ohio
Natl Gypsum Co Buffalo N Y (69)
U S Gypsum Co 300 W Adams Chgo Ill (59)
Universal Zonolite Insulation Co 135 S LaSalle Chgo Ill

PLASTER—casting

Celotex Corp 120 S LaSalle Chgo Ill (10)
Certain-teed Prods Corp 120 LaSalle Chgo Ill (25)
Colorado Portland Cement Co Denver Natl Bldg Denver 2 Colo
National Gypsum Co Buffalo N Y (69)
U S Gypsum Co 300 W Adams Chgo Ill (59)

PLASTER—cedar

E D Coddington Mfg Co Milwaukee 9 Wis
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)

PLASTER—colored finishing

Celotex Corp 120 S LaSalle Chgo Ill (10)
E D Coddington Mfg Co Milwaukee 9 Wis
National Gypsum Co Buffalo N Y (69)
Ohio Hydrate & Supply Co Woodville O
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
U S Gypsum Co 300 W Adams Chgo Ill (59)

PLASTER—fibered

Celotex Corp 120 So LaSalle Chgo Ill (10)
Certain-teed Products Corp 120 S LaSalle Chgo Ill (25)
E D Coddington Mfg Co Milwaukee 9 Wis
Colorado Portland Cement Co Denver Natl Bldg Denver 2 Colo
Fairmont Wall Plaster Co Fairmont W Va
National Gypsum Co Buffalo N Y (69)
Ohio Hydrate & Supply Co Woodville O
U S Gypsum Co 300 W Adams Chgo Ill (59)
Woodville Lime Prods Co Toledo O

PLASTER—gypsum

Celotex Corp 120 So LaSalle Chgo Ill (10)
Certain-teed Prods Corp 120 S LaSalle Chgo Ill (25)
Colorado Portland Cement Co Denver Natl Bldg Denver 2 Colo
Fairmont Wall Plaster Co Fairmont W Va
National Gypsum Co Buffalo N Y (69)
Texas Cement Plaster Co Oklahoma City Okla
U S Gypsum Co 300 W Adams Chgo Ill (59)

PLASTER—insulating

Celotex Corp 120 So LaSalle Chgo Ill (10)
Universal Zonolite Insulation Co 135 S LaSalle Chgo Ill

PLASTER—lime

Celotex Corp 120 So LaSalle Chgo Ill (10)
Gibsonburg Lime Prod Co Gibsonburg Ohio
Kelley Island Lime & Transport Co 1122 Leader Bldg Cleveland 14 Ohio
Natl Gypsum Co Buffalo N Y (69)

Number in parenthesis indicates page on which advertisement appears

Ohio Hydrate & Supply Co Woodville O
U S Gypsum Co 300 W Adams Chgo 6 Ill (59)
Woodville Lime Prods Toledo O

PLASTER—patching

Alabastine Co Grand Rapids Mich
Certain-teed Prods Corp 120 S LaSalle Chgo Ill (25)
E D Coddington Mfg Co Milwaukee 9 Wis
Commercial Paste Co Columbus 8 O
Consumers Glue Co St Louis 18 Mo
I F Laucks Inc 911 Western Av Seattle 4 Wash
Muralo Co Inc 566 Richmond Terrace Staten Island N Y
National Gypsum Co Buffalo N Y (69)
Pecora Paint Co Philadelphia 40 Pa
Pittsburgh Plate Glass Co Paint Div Pittsburgh Pa (204)
Presstite Engineering 3900 Chouteau Av St Louis 10 Mo
Reardon Co St Louis Mo
Rutland Fire Clay Co Rutland Vt
Savogran Co Boston 10 Mass (19)
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
U S Gypsum Co 300 W Adams Chgo 6 Ill (59)

PLASTERBOARD

Barrett Div Allied Chem & Dye Corp 40 Rector NY NY
Celotex Corp 120 So LaSalle Chgo Ill (10)
Certain-teed Products Corp 120 S LaSalle Chgo Ill (25)
National Gypsum Co Buffalo N Y (69)
U S Gypsum Co 300 W Adams Chgo Ill (59)

PLASTER OF PARIS

Celotex Corp 120 So LaSalle Chgo Ill (10)
Certain-teed Prods Corp 120 S LaSalle Chgo Ill (25)
Colorado Portland Cement Co Denver Natl Bldg Denver 2 Colo
Fairmont Wall Plaster Co Fairmont W Va
National Gypsum Co Buffalo N Y (69)
Ohio Hydrate & Supply Co Woodville O
Reliable Paste Co 3560 Shields Av Chgo Ill
Ricketson Mineral Color Wks Milwaukee Wis
Rutland Fire Clay Co Rutland Vt
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
United Gilsonite Labs Scranton Pa
U S Gypsum Co 300 W Adams Chgo Ill (59)

PLASTIC—waterproof

American Asphalt Roof Corp Kansas City Mo
American Cyanimid & Chem Co 300 Rockefeller Plaza NY NY
Barrett Div Allied Chemical & Dye Corp 40 Rector NY NY
Broadway Rubber Mfg Co 529 E Broadway Louisville 2 Ky
Colorado Paint Co 3551 Blake Denver 5 Colo
Irvington Varnish & Insulator Co Irvington N J
Johns-Manville Corp 22 E 40th NY 16 NY
Minwax Co Inc 11 W 42nd NY NY

PLASTICS—molded products

Abesto Mfg Co Michigan City Ind (208)
American Cyanimid & Chem Co 300 Rockefeller Plaza NY NY
American Molding Co 355 Fremont San Fran 5 Cal
Amerline 1753 N Honore Chgo 22 Ill
Broadway Rubber Mfg Co 529 E Broadway Louisville 2 Ky
General Electric Co Chemical Dept Pittsfield Mass
Presstite Engineering 3900 Chouteau Av St Louis 10 Mo
Reilly Tar & Chemical Corp Indianapolis 4 Ind
Republic Creosoting Co Indianapolis 4 Ind (196)
Westinghouse Elec & Mfg Co 306 Fourth Av Pittsburgh 30 Pa

PLATES—mail box

American Device Mfg Co Red Bud Ill
Champion Hdwe Co Geneva O
P & F Corbin New Britain Conn
The Eagle Lock Company Terryville Conn
Erco Mfg Co 4010 W Montrose Av Chgo Ill
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Lockwood Hdwe Mfg Co Fitchburg Mass
Natl Brass Co Grand Rapids Mich
Norwalk Lock Co 395 Broadway NY 13 NY
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Penn-Greg Mfg Co Minneapolis 3 Minn
Penn Hdwe Co Reading Pa
Reading Hdw Corp Reading Pa
Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdwe Co Lancaster Pa
Sargent & Co New Haven Conn
Shelby Spring Hinge Co Shelby O
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
Turner Brass Wks Sycamore Ill
Yale & Towne Mfg Co Stamford Conn

PLATES—push & kick

Allmetal Weatherstrip Co 229 W Ohio Chgo Ill
Barrows Lock Wks Div of The Yale & Towne Mfg Co No Chgo Ill
Bommer Springe Hinge Co 263 Classon Av Brooklyn 5 N Y
Champion Hdwe Co Geneva O
Chase Brass & Copper Co Waterbury Conn
The Columbus Brass Mft Co 620 Dublin Av Columbus 16 Ohio
P & F Corbin New Britain Conn
Erco Mfg Co 4010 W Montrose Av Chgo Ill
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
H S Getty & Co Inc Philadelphia Pa
Griffin Mfg Co Erie Pa
Imperial Brass Mfg Co 1200 W Harrison Chgo Ill
Kawneer Mfg Co Niles Mich
Kentucky Metal Prods Co Inc Louisville Ky
Lawrence Bros Sterling Ill
Lockwood Hdwe Mfg Co Fitchburg Mass
Macklanburg - Duncan Co Oklahoma City Okla (97)
Marion Tool Corp Marion Ind
McKinney Mfg Co Pittsburgh Pa
Micheals Art Bronze Co Covington Ky
Natl Brass Co Grand Rapids Mich
Natl Mfg Co Sterling Ill
Newman Bros Inc 660 W 4th Cincinnati 3 Ohio
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Penn Hdwe Co Reading Pa
Protex Weatherstrip Mfg Co 4500 S Western Chgo Ill (11)
Reading Hdw Corp Reading Pa
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdwe Co Lancaster Pa
Sager Lock Wks of Yale & Towne Mfg Co No Chgo Ill
Sargent & Co New Haven Conn
Shelby Metal Prods Co Shelby O
Shelby Spring Hinge Co Shelby O
Standard Mirror Co 141 Milton Buffalo 10 NY
Technical Glass Co Inc Los Angeles Calif
Yale & Towne Mfg Co Stamford Conn

PLATFORMS—lift

American Mfg Co Inc 2119 Pacific Av Tacoma 2 Wash (218)
Ekstrom, Carlson & Coe Rockford Ill
Elwell-Parker Elec Co Cleveland 14 O
Hyster Co Portland 8 Ore
Leitelt Iron Wks Erie Av Grand Rapids 2 Mich (212)
Lewis-Shepard Sales Corp Boston Mass
Link Belt Co 307 N Michigan Chgo Ill
Rotary Lift Co 1051 Kentucky St Memphis 2 Tenn (41)
Yale & Towne Mfg Co Philadelphia Pa

PLUMBING FIXTURES

Abingdon Sanitary Mfg Co Abingdon Ill
American Radiator & Standard Sanitary Corp 40 W 40 NY NY
Amerline 1753 N Honore Chgo 22 Ill
Briggs Mfg Co Detroit Mich
W A Case & Son Mfg Buffalo N Y
Crane Company 836 S Michigan Av Chgo Ill
Eljer Co Ford City Pa
General Ceramics Co Sanitary Ware Div Metuchen N J
Kohler Co Kohler Wis
Richmond Radiator Co 835 Fifth Av NY 17 NY
Standard Sanitary Mfg Co Pittsburgh Pa
Universal Sanitary Mfg Co New Castle Pa

PLYWOOD—douglas fir

Aberdeen Plywood Corp Aberdeen Wash
Aetna Plywood & Veneer 1732 Elston Chgo Ill (213)
Am-Mex Sales Co 28 Church Buffalo 2 N Y
Anacortes Veneer Inc Anacortes Wash
Associated Plywood Mills Olympia Wash
Bellingham Plywood Corp Bellingham Wash
Buffelen Lbr & Mfg Co Tacoma Wash
C-W Plywood Co 9 S Clinton Chgo Ill
Douglas Fir Plywood Assn Tacoma 2 Wash (4-5)
Elliott Bay Mill Co Seattle Wash
Eugene Plywood Co P O Box 672 Eugene Ore
Farley & Loetscher Mfg Co Dubuque Iowa
Harbor Plywood Corp Hoquiam Wash (93)
Heidner & Co Tacoma 1 Wash (212)
Huttig Sash & Door Co St Louis Mo
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
V W North Plywood & Lbr Co 628 Skinner Bldg Seattle 1 Wash (219)
Northwest Door Co Tacoma Wash
Olympia Veneer Co Olympia Wash
Oregon Plywood Corp Sweet Home Ore
Oregon-Washington Plywood Co Tacoma 2 Wash
Pacific Mutual Door Co Tacoma Wash (206)
Pacific Plywood Corp Willamina Ore
Peninsula Plywood Corp Port Angeles Wash
Puget Sound Plywood Inc Tacoma Wash (112)
Robinson Mfg Everett Wash
Segelke & Kohlhaus Co La Crosse Wis
Geo J. Silbernagel 8 S Michigan Av Chgo 11 Ill (112)
Simpson Industries Inc Seattle Wash
Smith Wood Prod Inc Portland Ore (14)
Springfield Plywood Co Springfield Ore
U S Plywood Corp 616 W 46 NY 19 NY (36)
Vancouver Plywood & Veneer Co Vancouver Wash
Walton Plywood Co Everett Wash
Washington Veneer Co Olympia Wash
West Coast Plywood Co Aberdeen Wash (209)
Western Door & Plywood Corp Portland Ore
The Wheeler Osgood Co Tacoma 1 Wash (8)

PLYWOOD—douglas fir exterior

Aberdeen Plywood Corp Aberdeen Wash
Aetna Plywood & Veneer 1732 Elston Av Chgo Ill (213)
Associated Plywood Mills Olympia Wash
Bellingham Plywood Corp Bellingham Wash
Buffelen Lbr & Mfg Co Tacoma Wash
C-W Plywood Co 9 S Clinton Chgo Ill
Eugene Plywood Co P O Box 672 Eugene Ore
Harbor Plywood Corp Hoquiam Wash (93)
Heidner & Co Tacoma 1 Wash (212)
Huttig Sash & Door Co St Louis Mo
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
Peninsula Plywood Corp Port Angeles Wash
Puget Sound Plywood Inc Tacoma Wash (112)
Robinson Mfg Co Everett Wash
Geo J Sibernagel 8 S Michigan Av Chgo 11 Ill (112)
Simpson Industries Inc Seattle Wash
Smith Wood Prod Inc Portland Ore (14)
Speedwall Co Seattle Wash
U S Plywood Corp 616 W 46 NY 19 NY (36)
Washington Veneer Co Olympia Wash
West Coast Plywood Co Aberdeen Wash (209)
The Wheeler Osgood Co Tacoma 1 Wash (8)

PLYWOOD—embossed

Aetna Plywood & Veneer 1732 Elston Av Chicago Ill (213)
C-W Plywood Co 9 S Clinton Chgo Ill
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
Natl Plywoods Inc 2710 S Throop Chgo Ill
Washington Veneer Co Olympia Wash

PLYWOOD—fabric covered

C-W Plywood Co 9 S Clinton Chgo Ill
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
U S Plywood Corp 616 W 46 NY 19 NY (36)

Number in parenthesis indicates page on which advertisement appears

PLYWOOD—hardwood

Aetna Plywood & Veneer 1732 Elston Av Chgo Ill (213)
American Plywood Corp New London Wis (66)
Anderson-Tully Co Memphis Tenn (50)
C-W Plywood Co 9 S Clinton Chgo Ill
Crescent Panel Co Louisville 12 Ky
W D Crooks & Sons Inc Williamsport Pa
Daystrom Corp Olean NY
Frost Veneer & Plywood Co Inc Sheboygan Wis
Haskelite Mfg Co Grand Rapids Mich
Huttig Sash & Door Co St Louis Mo
Hoosier Panel Co New Albany Ind
Indiana Veneer & Panel Co New Albany Ind
Jamestown Veneer & Plywood Corp Jamestown N Y
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
Marsh Lbr Co Dover O
The Mengel Co Inc Louisville Ky (36)
Northern Hdw Veneers Inc Butternut Wis
Paine Lbr Co Ltd Oshkosh Wis
Pearl City Plywood Co Inc Jamestown NY
Pluswood Inc Oshkosh Wis
Roddis Lumber & Veneer Co Marshfield Wis
Underwood Veneer Co Wausau Wis
U S Plywood Corp 616 W 46 NY 19 NY (36)
Weber Veneer & Plywood Co Shawano Wis
The Wheeler Osgood Co Tacoma 1 Wash (8)
Wisconsin Timber & Land Co Sheboygan Wis

PLYWOOD—inlaid

Aetna Plywood & Veneer 1732 Elston Av Chgo Ill (213)
Natl Plywoods Inc 2710 S Throop Chgo Ill
U S Plywood Corp 616 W 46 NY 19 NY (36)
Vancouver Plywood & Veneer Co Vancouver Wash

PLYWOOD—marine

Algoma Plywood & Veneer Co Algoma Wis
American Plywood Corp New London Wis (66)
C-W Plywood Co 9 S Clinton Chgo Ill
Eugene Plywood Co P O Box 672 Eugene Ore
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
The Mengel Co Inc Louisville Ky (36)
Pearl City Plywood Co Inc Jamestown NY
U S Plywood Corp 616 W 46 NY 19 NY (36)

PLYWOOD—pine

Aetna Plywood & Veener 1732 Elston Av Chgo Ill (213)
C-W Plywood Co 9 S Clinton Chgo Ill
Harbor Plywood Corp Hoquiam Wash (93)
Long Bell Lumber Co Kansas City Mo
Natl Plywoods Inc 2710 S Throop Chgo Ill
Pacific Mutual Door Co Tacoma Wash (206)
U S Plywood Corp 616 W 46th NY 19 NY (36)

PLYWOOD—plastic faced

American Plywood Corp New London Wis (66)
Buffelen Lbr & Mfg Co Tacoma Wash
C-W Plywood Co 9 S Clinton Chgo Ill
Daystrom Corp Daystrom N C
Inderon Sales 9 So Clinton Chgo 6 Ill (88)
The Mengel Co Inc Louisville Ky (36)
Pearl City Plywood Co Inc Jamestown NY
Simpson Industries Inc Seattle Wash
U S Plywood Corp 55 W 44th NY NY (36)
Washington Veneer Co Olympia Wash
The Wheeler Osgood Co Tacoma 1 Wash (8)

POINTS—glazier

Atlas Tack Corp Fairhaven Mass
Austin & Eddy Inc P O Box 1504 Boston 4 Mass
W W Cross & Co Inc East Jaffrey N H
Fletcher Terry Co Forestville Conn (98)
Holland Mfg Co Baltimore Md
Markwell Mfg Co Inc 200 Hudson N Y NY (94)
W H Maze Co Peru Ill
National Sheet Metal Co Peru Ill
Red Devil Tools Irvington 11 NJ
Shelton Tack Co 103 Canal Shelton Conn

POLISH—floor

Acme White Lead & Color Wks 8250 St Aubin Av Detroit 11 Mich
American Floor Surfacing Machine Co Toledo O
Baltimore Paint & Color Works Inc Baltimore Md
Boston Varnish Co Boston Mass (33)
E L Bruce Co Memphis Tenn (9)
Chemical Supply Co 225 Plymouth Bldg Cleveland 15 Ohio
Chi-Namel Paint & Varnish Co Minneapolis Minn
Glidden Co Cleveland O (12-13)
Grand Rapids Varnish Corp 565 Godfrey Av S W Grand Rapids 2 Mich
Gulf Refining Co Pittsburgh 30 Pa
S C Johnson & Son Racine Wis
Lowe Bros Co Dayton O (61)
Minnesota Linseed Oil Paint Co Minneapolis Minn
Minwax Co Inc 11 W 42nd NY NY
O-Cedar Corp 2246 W 49 Chgo Ill
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Peaslee-Gaulbert Corp Louisville Ky NY NY
Sherwin-Williams Co Cleveland O (309)
Simoniz Company 2100 S Indiana Av Chgo Ill
Socony-Vacuum Oil Co 26 Broadway NYC NY
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Standard Oil Co of Indiana 910 S Michigan Av Chgo Ill
Wadsworth Howland & Co 141 Federal Boston Mass

POLISH—furniture

Acme White Lead & Color Wks 8250 St Aubin Av Detroit 11 Mich
Adams & Elting Co 1833 Seward Av Chgo Ill
Boston Varnish Co Boston Mass (33)
Boyer Chemical Laboratory Co 2706 Wabash Av Chgo Ill
Chemical Supply Co 225 Plymouth Bldg Cleveland 15 Ohio
Chi-Namel Paint & Varnish Co Minneapolis Minn
Detroit White Lead Wks 8250 St Aubin Av Detroit 11 Mich
E I du Pont de Nemours & Co Inc Wilmington Del
Eberson-Lindsley Paint Co St Louis Mo
Ensign-Bickford Co Simsbury Conn
The Foy Paint Co Inc Cincinnati 12 Ohio
Glidden Co Cleveland O (12-13)
Grand Rapids Varnish Corp 565 Godfrey Av S W Grand Rapids 2 Mich
R M Hollingshead Co Camden N J
The R F Johnston Paint Co Cincinnati 12 Ohio
John Lucas & Co Philadelphia Pa
Marsh Wall Prod Inc Dover O (75)
Martin Senour Co 2520 Quarry Chgo Ill
Minnesota Linseed Oil Paint Co Minneapolis Minn
Minwax Co Inc 11 W 42nd NY NY
O-Cedar Corp 2246 W 49th Chgo Ill
Patterson-Sargent Co Cleveland O
Permatex Co Sheepshead N Y
Pittsburgh Plate Glass Co Paint Div Pittsburgh Pa (204)
Rubon Woodfinishing & Prod Co Kansas City Mo
Sherwin-Williams Co Cleveland O (309)
Simoniz Company 2100 S Indiana Av Chgo Ill
Socony-Vacuum Oil Co Inc 26 Broadway NY NY
L Sonneborn Sons Inc 88 Lexington Av NY 16 N Y (100)
Standard Oil Co of Indiana 910 S Michigan Av Chgo Ill

POSTS—steel fence, farm

American Steel & Wire Co Cleveland 13 O (147)
Columbia Steel Co Russ Bldg San Fran 6 Cal (147)
Continental Steel Corp Kokomo Ind
Inland Steel Co 38 S Dearborn Chgo 3 Ill
Kitselman Bros Muncie Ind
Mid-States Steel & Wire Co Crawfordsville Ind
Northwestern Steel & Wire Co Sterling Ill
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
Tennessee Coal Iron & R R Co Birmingham 2 Ala (147)
Wheeling Corrugating Co Wheeling W Va (34)

POSTS—wood

(See lumber classification beginning page 282)

POULTRY EQUIPMENT—metal

Brower Mfg Co Quincy Ill
Clay Equip Corp Cedar Falls Ia
Excelsior Stove & Mfg Co Quincy Ill
Farwell Ozmun Kirk & Co St Paul 1 Minn
Franklin Equip Co Monticello Ia
H T Hudson Mfg Co 589 E Illinois Chgo Ill
James Mfg Co Fort Atkinson Wis
Oakes Mfg Co Inc Tipton Ind
Plume & Atwood Mfg Co Waterbury Conn
Starline Inc Harvard Ill

POULTRY HOUSES

Ivon R Ford Lumber Co McDonough N Y
James Mfg Co Fort Atkinson Wis
Rilco Laminated Prod Inc St Paul 1 Minn
Starline Inc Harvard Ill

POWER UNITS

Allis Chalmers Mfg Co Milwaukee Wis
Chase Turbine Mfg Co Orange Mass
Corley Mfg Co Chattanooga 1 Tenn (188)
Hyster Co Portland 8 Ore
Kato Engineering Co Mankato Minn

PREFABRICATED CHIMNEYS

Condensation Eng Corp 122 S Michigan Av Chgo 3 Ill
Houston Blow Pipe & Sheet Mtl Wks Houston Tex (28)

PRESERVATIVE—awnings, tarpaulins, etc.

Chemical Supply Co 225 Plymouth Bldg Cleveland 15 Ohio
Cuprinol Inc 7 Water Boston 9 Mass
The Dow Chemical Co Midland Mich (89)
W P Fuller & Co 301 Mission San Fran 19 Cal
Glidden Co Cleveland Ohio (12-13)
Grasselli Chemicals Dept E I du Pont de Nemours & Co Inc Wilmington 98 Del
H B Fred Kuhls 6413 Third Av Brooklyn N Y
Presstite Engineering 3900 Chouteau Av St Louis 10 Mo
Protection Products Mfg Co Kalamazoo Mich (48)
Puritan Sales Co Atlanta Ga
Robeson-Preservo Co Port Huron Mich
W W Stanley Co 401 Broadway NY NY
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Wood Treating Chemicals Co St Louis Mo

PRESERVATIVE—rope

Cuprinol Inc 7 Water Boston 9 Mass
Monsanto Chemical Co 1700 S Second St Louis 4 Mo
Reilly Tar & Chemical Corp Indianapolis 4 Ind
Republic Creosoting Co Indianapolis 4 Ind (196)
W W Stanley Co 401 Broadway NY NY

PRESERVATIVE—wood

Abesto Mfg Co Michigan City Ind (208)
American Lumber & Treating Co 332 S Michigan Av Chgo Ill (66)
Barrett Div Allied Chem & Dye Corp 40 Rector NY NY
Samuel Cabot Inc 141 Milk St Boston 9 Mass (98)
Carbolineum Wood Preserving Co 528 W Highland Milwaukee 3 Wis
A D Chapman & Co 333 S Michigan Av Chgo Ill (215)
Colorado Paint Co 3551 Blake Denver 5 Colo
Cre-O-Tox Chem Prod Co Memphis Tenn (84)
Cuprinol Inc 7 Water Boston 9 Mass
The Dow Chemical Co Midland Mich (89)
Grasselli Chemicals Dept E I du Pont de Nemours & Co Inc Wilmington 98 Del
Grand Rapids Varnish Corp 565 Godfrey Av S W Grand Rapids 2 Mich
A C Horn Co 43-36 Tenth Long Island City N Y

Number in parenthesis indicates page on which advertisement appears

Huttig Sash & Door Co St Louis Mo
Koppers Company Inc Wood Preserving Div Pittsburgh 19 Pa
I F Laucks Inc 911 Western Av Seattle 4 Wash
Lowe Bros Co Dayton O (61)
Monsanto Chemical Co St Louis Mo
The Neville Co Neville Island Pittsburgh 25 Pa
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Ira Parker & Sons Co Oshkosh Wis
Protection Products Mfg Co Kalamazoo Mich (48)
Protexol Corp Kenilworth N J (211)
Reilly Tar & Chemical Corp Indianapolis 4 Ind
Republic Creosoting Co Indianapolis 4 Ind (196)
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
W W Stanley Co 401 Broadway NY NY
Sullivan Co Memphis 2 Tenn (219)
Tennessee Eastman Corp Kingsport Tenn (46)
C A Wood Preserver Co St Louis Mo
Wood Preserver Co St Louis Mo
Wood Treating Chemicals Co St Louis Mo

PREVENTATIVES—sap stain

Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
A D Chapman & Co Inc 333 N Michigan Av Chgo Ill (215)
Dow Chemical Co Midland Mich (89)
Grasselli Chemicals Dept E I du Pont de Nemours & Co Inc Wilmington 98 Del
Monsanto Chemical Co St Louis Mo
Reilly Tar & Chemical Corp Indianapolis 4 Ind
Republic Creosoting Co Indianapolis 4 Ind (196)
Wood Treating Chemicals Co St Louis Mo

PREVENTATIVES—wood check

E L Bruce Co Memphis Tenn (9)
Cre-O-Tox Chem Prod Co Memphis Tenn (84)
E I DuPont de Nemours & Co Inc Wilmington Del
Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)
Protection Products Mfg Co Kalamazoo Mich (48)
Reilly Tar & Chemical Corp Indianapolis 4 Ind
Republic Creosoting Co Indianapolis 4 Ind (196)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Wood Treating Chemicals Co St Louis Mo

PRESSES—veneer, hydraulic

Black Bros Corp Mendota Ill
Dunning & Boschert Press Co Inc Syracuse N Y
Chas E Francis Co Huntington Ind
Handy Mfg Co 2432 W Lawrence Chgo Ill
Hydraulic Press Mfg Co Mount Gilead O
R D Wood Co Philadelphia Pa

PRICE CARDS

W C Heller & Co 539 N Clark St Montpelier Ohio
Johnswood Co 5621 S Halsted Chgo 21 Ill
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
F M Zimmerman Aurora Ill

PRICE CARD MOULDING

Johnswood Co 5621 S Halsted Chgo 21 Ill
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill

PULLERS—car

American Eng Co Philadelphia 25 Pa
American Hoist & Derrick Co 63 So Robert St Paul 1 Minn
Clyde Iron Wks Inc Duluth Minn
Godfrey Conveyor Co Elkhart Ind
Harnischfeger Corp Milwaukee Wis
Hyster Co Portland 8 Ore
Jeffrey Mfg Co Columbus O
Lidgerwood Mfg Co Elizabeth N J
Link Belt Co 307 N Michigan Av Chgo Ill
Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)
P & C Forged Tool Co Portland Ore
Standard Dry Kiln Co P O Box 541 Indianapolis Ind
Stephens-Adamson Mfg Co Aurora Ill
Stimmel Winch Co 37-24 33rd Long Island City N Y

PULLS—cabinet & drawer

American Cabinet Hdwe Corp Rockford Ill (53)
Austin & Eddy Inc P O Box 1504 Boston 4 Mass
Barrows Lock Wks Div of The Yale & Towne Mfg Co No Chgo Ill
Champion Hdwe Co Geneva O
P & F Corbin New Britain Conn
Erco Mfg Co 4010 W Montrose Av Chgo Ill
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
H S Getty & Co Inc Philadelphia Pa
Knape & Vogt Mfg Co Grand Rapids Mich
Lawrence Bros Sterling Ill
Lockwood Hdwe Mfg Co Fitchburg Mass
McKinney Mfg Co Pittsburgh Pa
National Lock Co Rockford Ill (102)
Nat'l Mfg Co Sterling Ill
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Penn Hdwe Co Reading Pa
Reading Hdwe Corp Reading Pa
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdwe Co Lancaster Pa
Sargent & Co New Haven Conn
Shelby Metal Products Co Shelby O
Shelby Spring Hinge Co Shelby O
The Stanley Wks New Britain Conn (87)
Yale & Towne Mfg Co Stamford Conn

PULLS—door

American Cabinet Hdwe Corp Rockford Ill (53)
Barrows Lock Wks Div of The Yale & Towne Mfg Co No Chgo Ill
Bommer Spring Hinge Co 263 Classon Av Brooklyn 5 N Y
Champion Hdwe Co Geneva O
P & F Corbin New Britain Conn
Erco Mfg Co 4010 W Montrose Av Chgo Ill
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
H S Getty & Co Philadelphia Pa
Knape & Vogt Mfg Co Grand Rapids Mich
Lawrence Bros Sterling Ill
Lockwood Hdwe Mfg Co Fitchburg Mass
McKinney Mfg Co Pittsburgh Pa
National Brass Co Grand Rapids Mich
Nat'l Mfg Co Sterling Ill
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Penn Hdwe Co Reading Pa
Reading Hdwe Corp Reading Pa
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
Richards-Wilcox Mfg Co Aurora Ill
Russell & Erwin Mfg Co New Britain Conn (181)
Safe Padlock & Hdwe Co Lancaster Pa
Sager Lock Wks of Yale & Towne Mfg Co No Chgo Ill
Sargent & Co New Haven Conn
Sharon Hdwe Co Sharon Pa
Shelby Spring Hinge Co Shelby O
The Stanley Wks New Britain Conn (87)
Yale & Towne Mfg Co Stamford Conn

PUMPS—hand

Aermotor Co 2500 W Roosevelt Rd Chgo Ill
Baker Mfg Co Evansville Wis
Breyer Bros Whiting & Co Waupun Wis
Butler Co Butler Ind
Challenge Co Batavia Ill
Deming Co Salem O
Dempster Mill Mfg Co Beatrice Neb
Flint & Walling Mfg Co Inc Kendallville Ind
Goulds Pumps Inc Seneca Falls N Y
A Y McDonald Mfg Co P O Box 508 Dubuque Iowa
F E Myers & Bro Co Ashland O
Red Cross Mfg Co Bluffton Ind
Red Jacket Mfg Co Davenport Ia
Geo D Roper Corp Rockford Ill
U S Wind Engine & Pump Co Batavia Ill

PUMPS—sump

Aldrich Pump Co Allentown Pa
American Well Wks Aurora Ill
Aurora Pump Co Aurora Ill
Chicago Pump Co 2336 W Wolfram Chgo Ill
The Dayton Pump & Manufacturing Co Dayton Ohio
Deming Co Salem O
Dempster Mill Mfg Co Beatrice Neb
Economy Pumps Inc Hamilton O
Fairbanks Morse & Co 600 S Michigan Av Chgo Ill (24)
Flint & Walling Mfg Co Inc Kendallville Ind
Goulds Pumps Inc Seneca Falls N Y
Imperial Brass Mfg Co 1200 W Harrison Chgo Ill
Independent Pneumatic Tool Co 600 W Jackson Chgo 6 Ill
Ingersoll-Rand Co 11 Broadway NY NY
Jaeger Machine Co Columbus Ohio
F E Myers & Bro Ashland O
M L Oberdorfer Brass Co Syracuse N Y
Penberthy Injector Co Detroit Mich
Robbins & Myers Inc Springfield Ohio
M Shetler & Sons Co Clio Mich
Worthington Pump & Mchry Corp Harrison N J

PUMPS—vacuum

Allis Chalmers Mfg Co Milwaukee Wis
Chicago Pump Co 2336 W Wolfram Chgo Ill
Electric Sprayit Co Sheboygan Wis
Gardner Denver Co Quincy Ill
Jaeger Machine Co Columbus Ohio
Standard Dry Kiln Co P O Box 541 Indianapolis Ind
Worthington Pump & Mchry Corp Harrison N J

PUMPS—water supply system

Aurora Pump Co Aurora Ill
Baker Mfg Co Evansville Wis
Chain Belt Co Milwaukee 4 Wis
Challenge Co Batavia Ill
Chicago Pump Co 2336 W Wolfram Chgo Ill
Crane Co 836 S Michigan Av Chgo Ill
The Dayton Pump & Manufacturing Co Dayton Ohio
Delco Appliance Div Gen'l Motor Sales Rochester N Y
Deming Co Salem O
Dempster Mill Mfg Co Beatrice Neb
Erie Pump & Engine Medina N Y
Fairbanks Morse & Co 600 S Michigan Av Chgo Ill (24)
Flint & Walling Mfg Co Kendallville Ind
Gardner Denver Co Quincy Ill
Goulds Pumps Inc Seneca Falls N Y
A Y McDonald Mfg Co P O Box 508 Dubuque Iowa
F E Myers & Bro Co Ashland O
M L Oberdorfer Brass Co Syracuse N Y
Pioneer Gen-E-Motor Corporation 5841 W Dickens Chgo 39 Ill
Red Jacket Mfg Co Davenport Ia
Robbins & Myers Inc Springfield Ohio
M Shetler & Sons Co Clio Mich
Worthington Pump & Mchry Corp Harrison N J

PUMPS—windmill

Aermotor Co 2500 Roosevelt Rd Chgo Ill
Baker Mfg Co Evansville Wis
Challenge Co Batavia Ill
Deming Co Salem O
Dempster Mill Mfg Co Beatrice Neb
Flint & Walling Mfg Co Inc Kendallville Ind
A Y McDonald Mfg Co P O Box 508 Dubuque Iowa
F E Myers & Bro Co Ashland O
Red Jacket Mfg Co Davenport Ia
Geo D Roper Corp Rockford Ill
U S Wind Engine & Pump Co Batavia Ill

PUNCHES—center prick

American Swiss File & Tool Elizabeth N J
Bridgeport Hdwe Mfg Corp Bridgeport Conn
Brown & Sharpe Mfg Co 235 Promenade St Providence 1 R I
Cincinnati Tool Co Cincinnati O
Crescent Tool Co Jamestown N Y
Damascus Steel Prod Corp Rockford Ill
Duro Metal Products Co 2649 N Kildare Av Chgo Ill

Number in parenthesis indicates page on which advertisement appears

Hubbard & Co 6301 Butler St Pittsburgh 1 Pa
William Johnson Inc Newark N J
Kraeuter & Co Inc Newark N J
Lufkin Rule Co Saginaw Mich
Mephisto Tool Co Inc Hudson NY
Millers Falls Co Greenfield Mass
Niagara Machine & Tool Wks Buffalo N Y
Original Enderes Company Guttenberg Iowa
Peck Stow & Wilcox Co Southington Conn
Plomb Tool Co Los Angeles Cal
The Stanley Wks New Britain Conn (87)
L S Starrett Athol Mass
Vaughan & Bushnell Mfg Co 135 S La Salle Chgo Ill
Vlchek Tool Co Cleveland O

PURCHASING SERVICE

Biddle Purchasing Co 107 Chambers NY NY (120)

PUSHERS—snow

American Fork & Hoe Co Cleveland O
Ames Baldwin Wyoming Co Parkersburg W Va
Farwell Ozmun Kirk & Co St Paul 1 Minn
Iwan Bros Inc South Bend Ind
Owosso Mfg Co Owosso Mich
Rugg Mfg Co Greenfield Mass
Wirt & Knox Mfg Co Philadelphia 32 Pa
Yeoman-Hoag Co Monticello Ia

PUTTY

Acme White Lead & Color Wks 8250 St Aubin Av Detroit 11 Mich
Allen Putty Prod 340 N Ashland Chgo Ill
Armstrong Co 4065 S La Salle Chgo 9 Ill (96)
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Baker Paint & Varnish Co Jersey City N J
Biddle Co St Louis 2 Mo
Black Swan Mfg Co 2235 W Grand Av Chgo Ill
Briggs Maroney Co Inc Everett Mass
Chi-Namel Paint & Varnish Co Minneapolis Minn
Dicks-Pontius Co Dayton O
Excelsior Stove & Mfg Co Quincy Ill
Farwell Ozmun Kirk & Co St Paul 1 Minn
Felton Sibley & Co Inc 136 N 4th Philadelphia 6 Pa
Fort Pitt Chem Co Pittsburgh 22 Pa
W P Fuller & Co 301 Mission San Fran 19 Cal
W W Lawrence & Co 1124 W Carson Pittsburgh 19 Pa
Macklanburg - Duncan Oklahoma City Okla (97)
Mar-Kay Mfg Co 2715 S Second St St Louis Mo
Pecora Paint Co Philadelphia Pa
Plastic Prod Co 6475 Georgia Av Detroit 11 Mich
Presstite Engineering 3900 Chouteau Av St Louis 10 Mo
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
Geo D Wetherill & Co Philadelphia Pa

PUTTY—metal sash

Adams Co Dubuque Ia
Allen Putty Prods Co 340 N Ashland Av Chgo Ill
Armstrong Co 4065 S La Salle Chgo 9 Ill (96)
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Baker Paint & Varnish Co Jersey City N J
Biddle Co St Louis 2 Mo
Black Swan Mfg Co 2235 W Grand Av Chgo Ill
Chi-Namel Paint & Varnish Co Minneapolis Minn
Dicks-Pontius Co Dayton O
Felton Sibley & Co Inc 136 N 4th Philadelphia 6 Pa
Fort Pitt Chem Co Pittsburgh 22 Pa
W P Fuller & Co 301 Mission San Fran 19 Cal
Mar-Kay Mfg Co 2715 S Second St St Louis Mo
Minnesota Linseed Oil Paint Co Minneapolis Minn
Pecora Paint Co Philadelphia Pa
Plastic Prod Co 6475 Georgia Av Detroit 11 Mich
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)

PUTTY—primeless

Armstrong Co 4065 S La Salle Chgo 9 Ill (96)
Baker Paint & Varnish Co Jersey City N J
Biddle Co St Louis 2 Mo
Black Swan Mfg Co 2235 W Grand Av Chgo Ill
Chi-Namel Paint & Varnish Co Minneapolis Minn
W P Fuller & Co 301 Mission San Fran 19 Cal
Mar-Kay Mfg Co 2715 S Second St St Louis Mo
Pecora Paint Co American & Venango Philadelphia 40 Pa
Plastic Prod Co 6475 Georgia Av Detroit 11 Mich
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)

PUTTY—rubber

Miller Rubber Industrial Prod Div of The B F Goodrich Co Akron Ohio
So-Lo Wks Inc Loveland O
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)

PUTTY—water

Black Swan Mfg Co 2235 W Grand Av Chgo Ill
Donald Durham Co Des Moines 4 Ia (219)
Johns-Manville Corp 22 E 40th NY 16 NY
Reardon Co St Louis 6 Mo

PUTTY—wood

Black Swan Mfg Co 2235 W Grand Av Chgo Ill
Chi-Namel Paint & Varnish Co Minneapolis Minn
Fort Pitt Chem Co Pittsburgh 22 Pa
W P Fuller & Co 301 Mission San Fran 19 Cal
Great Lakes Varnish Wks Inc 2215 N Pulaski Chgo Ill
Huttig Sash & Door Co St Louis Mo
The Las-Stik Mfg Co B & Wayne sts Hamilton Ohio
Mar-Kay Mfg Co 2715 S Second St St Louis Mo
Pecora Paint Co American & Venango Philadelphia 40 Pa
Savogran Co Boston 10 Mass (19)
Schalk Chem Co Los Angeles 12 Cal
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)

QUICKLIME—pulverized

Gibsonburg Lime Prod Co Gibsonburg Ohio
Louisville Cement Co Inc 315 Guthrie Louisville 2 Ky
Marblehead Lime Co 160 N La Salle Chgo 1 Ill
Natl Gypsum Co Buffalo N Y (69)
Riverton Lime & Stone Co Inc Riverton Va
U. S. Gypsum Co 300 W Adams Chgo 6 Ill (59)

RACKS—clothes

Acme Metal Goods Mfg Co Newark N J
Chicago Curtain Stretcher Co 3725 S May Chgo Ill
Chicago Dryer Co 2210 N Pulaski Chgo Ill.
J R Clark Co Minneapolis 5 Minn
Clay Equipment Co Cedar Falls Ia
Gem Mfg Co North Girard Pa
Handy Things Mfg Co Ludington Mich
L Hopkins Mfg Co Girard Pa
Howard Mfg Co Kent Wash
Michigan Ladder Co Ypsilanti Mich
Moulton Ladder Mfg Co Somerville Mass
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
Rotary Clothes Dryer Co Allentown Pa
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
H A Stiles & Co Boston Mass
Zoss Ladder & Mfg Co Portland 1 Ore

RACKS—fire hose

W D Allen Mfg Co 566 W Lake Chgo Ill Ill
American-La France-Foamite Corp Elmira N Y
Beall Pipe & Tank Corp Portland Ore
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Wirt & Knox Mfg Co Philadelphia 32 Pa

RAFTERS—glued laminated

Rilco Laminated Prod Inc St Paul 1 Minn
Unit Structures Inc Peshtigo Wis

RANGES—electric

A-B Stoves Inc Battle Creek Mich
Armstrong Products Corp Huntington W Va
Cavalier Corp Chattanoga Tenn
Crosley Corp Cincinnati O
Crown Stove Wks 4631 W 12th Pl Cicero Ill
Eagle Fdry Co Belleville Ill
Edison Gen'l Elec Appliance Co Inc 5600 W Taylor Chgo 44 Ill
Electromaster Inc Detroit Mich
Estate Stove Co Hamilton O
Excelsior Stove & Mfg Co Quincy Ill
Frigidaire Div General Motor Sales Corp Dayton O
General Electric Co Bridgeport Conn
Gray & Dudley Co Nashville Tenn
Landers Frary & Clark New Britain Conn
A J Lindemann & Hoverson Co 601 W Cleveland Av Milwaukee 7 Wis
Malleable Iron Range Co Beaver Dam Wis
Nash-Kelvinator Corp Detroit Mich
Norge Div Borg Warner Corp Detroit Mich
Phillips & Buttorff Mfg Co Nashville Tenn
Roberts & Mandor Stove Co Hatboro Pa
Round Oak Co Dowagiac Mich
Rutenber Electric Co Marion Ind
Walker & Pratt Mfg Co Watertown Mass
Westinghouse Elec & Mfg Co 306 Fourth Av Pittsburgh 30 Pa

RANGES—gas

A-B Stoves Inc Battle Creek Mich
Excelsior Stove & Mfg Co Quincy Ill
Gray & Dudley Co Nashville Tenn
A J Lindemann & Hoverson Co 601 W Cleveland Av Milwaukee 7 Wis

REFRACTORIES—plastic

The Babcock & Wilcox Co 85 Liberty St New York 6 NY
Carborundum Co Niagara Falls NY
Chicago Fire Brick Co 1461 N Elston Chgo Ill
Copeland Refrigeration Corp Sidney Ohio
Denver Fire Clay Co Denver Colo
General Refractories Co Philadelphia Pa
Harbison Walker Refractories Co Farmers Bank Bldg Pittsburgh Pa
Johns-Manville Corp 22 E 40th NY 16 NY
Laclede-Christy Clay Prods Co St Louis Mo
Mexico Refractories Co Mexico Mo
North American Refractories Co Cleveland 14 O
Plibrico Jointless Firebrick Co 1800 N Kingsbury Chgo 14 Ill
Universal Zonolite Insulation Co 135 So La Salle Chgo Ill

REFRIGERATORS—electric

Apex Rotarex Corp Cleveland O
Copeland Refrigerator Corp Sidney O
Crosley Corp Cincinnati O
Edison Gen'l Elec Appliance Co Inc 5600 W Taylor Chgo 44 Ill
Excelsior Stove & Mfg Co Quincy Ill
Frigidaire Div Gen'l Motors Sales Corp Dayton O
General Electric Co Bridgeport Conn
Gibson Electric Refrigerator Corp Greenville Mich
Gilfillan Bros Inc Los Angeles Calif
Jewett Refrigerator Co Buffalo N Y
Nash-Kelvinator Corp Detroit Mich
Norge Div Borg Warner Corp Detroit Mich
O'Keefe & Merritt Co Los Angeles Calif
Potter Refrigerator Corp Buffalo N Y
Stewart-Warner Corp 1828 Diversey Pkwy Chgo Ill
Universal Cooler Corp Marion O
Westinghouse Elec & Mfg Co 306 Fourth Av Pittsburgh 30 Pa

REFRIGERATORS—gas

Servel Inc Evansville Ind

Number in parenthesis indicates page on which advertisement appears

REGISTERS—heating & ventilating

American Foundry & Furnace Co Bloomington Ill
Auer Register Co Cleveland O
Barber-Colman Co Rockford Ill
Bennett-Ireland Norwich NY
Excelsior Stove & Mfg Co Quincy Ill
Forest City Foundries Co Cleveland O
Hart & Cooley Mfg Co 61 W Kinzie Chgo Ill
Liberty Foundry Co St Louis Mo
F Meyer & Bro Co Peoria Ill
Milcor Steel Co So 41st & W Burnham Milwaukee 4 Wis
J Mueller Furnace Co Milwaukee Wis
Newman Bros Inc 660 W 4th Cincinnati 3 Ohio
Pacific Gas Radiator Co Huntington Park Cal
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Philadelphia Hdwe & Malleable Iron Wks Philadelphia Pa
Tuttle Bailey Inc New Britain Conn
U S Register Co Battle Creek Mich
Williamson Heater Co Cincinnati O

RESIN—synthetic

American Phenolic Corp 1830 S 54th Cicero Ill
Catalin Corp 1 Park Av NY 16 NY
E I du Pont de Nemours & Co Inc Wilmington Del
Durite Plastics Inc 5000 Summerdale Av Philadelphia 24 Pa
Irvington Varnish & Insulator Co Irvington N J
Jones-Dabney Co Inc Louisville Ky
Marblette Corp 37-21 30th Long Island City N Y
John W Masury & Son Sharp & Ostend Baltimore Md
Monsanto Chemical Co St Louis Mo
Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)
The Neville Co Neville Island Pittsburgh 25 Pa
Reilly Tar & Chem Corp Indianapolis Ind
Resinox Corp 30 Rockefeller Plz NY NY
Tamms-Silica Co 228 N La Salle Chgo 1 Ill

RETURN SYSTEM—boiler feed water

Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)
Trane Co La Crosse Wis

RIDGE ROLL

American Steel & Wire Co Cleveland O (147)
Barrett Div Allied Chemical & Dye Corp 40 Rector NY NY
Bethlehem Steel Co Bethlehem Pa
Certain-teed Products Corp 120 S LaSalle Chgo Ill (25)
Lyon Conklin & Co Baltimore 30 Md
Continental Steel Corp Kokomo Ind
The Edwards Mfg Co 427-477 Culvert Cincinnati Ohio
Flintkote Co 30 Rockefeller Plaza NY NY (73)
Ford Roofing Products Co 111 W Washington Chgo Ill (205)
Gedge Bros Iron Roofing Co Anderson Ind
Globe Iron Roofing & Corrugating Co Inc Newport Ky
Johns-Manville Corp 22 E 40th NY 16 NY
Klauer Mfg Co Dubuque Ia
La Crosse Steel Roofing & Corrugating Co La Crosse Wis
Lehon Co 4425 S Oakley Chgo Ill
Messenger & Parks Mfg Co Aurora Ill
Mid-States Steel & Wire Co Crawfordsville Ind
Milcor Steel Co So 41st & W Burnham Milwaukee 4 Wis
Newport Rolling Mill Co Newport Ky
Northwest Metal Prod Inc Seattle 4 Wash
Reeves Steel & Mfg Co Dover O
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
The Ruberoid Co 500 Fifth Av NY 18 NY (83)
St Paul Corrugating Co St Paul Minn
Tennessee Coal Iron & R R Co Birmingham Ala (147)
Tiffin Art Metal Co Tiffin O
Wheeling Corrugating Co Wheeling W Va (34)

RING DOGS

American Chain Div of American Chain & Cable Co Inc Bridgeport Conn
Columbus McKinnon Chain Corp Tonawanda N Y

RODS—threaded

American Bridge Co Pittsburgh Pa
Bethlehem Steel Co Bethlehem Pa
Carpenter & Paterson Inc 1190 Bennington East Boston 28 Mass
Hubbard & Co 6301 Butler St Pittsburgh 1 Pa
Joslyn Mfg & Supply Co 20 N Wacker Dr Chgo Ill
Lewis Bolt & Nut Co Minneapolis 14 Minn
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
National Screw Mfg Co Cleveland O
Pheoll Mfg Co 5700 W Roosevelt Rd Chgo 50 Ill
Republic Steel Corp Cleveland O
Rockford Bolt & Steel Co 126 Mill Rockford Ill
Jos T Ryerson & Son Inc 2558 W 16th Chgo Ill
St Louis Screw & Bolt Co St Louis Mo
Sheffield Steel Corp Kansas City Mo
Upson-Walton Co Cleveland O

ROOF COATING—asphalt

Abesto Mfg Co Michigan City Ind (208)
American Asphalt Roof Corp Kansas City Mo
American Marietta Co 43 E Ohio Chgo 11 Ill
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Barrett Div Allied Chem & Dye Corp 40 Rector St NY NY
Bird & Son Walpole Mass (30-31)
Black Swan Mfg Co 2235 W Grand Av Chgo Ill
Calbar Paint & Varnish Co 2612 N Martha Phil 25 Pa
Philip Carey Mfg Co Cincinnati 15 O (65)
Celotex Corp 120 S LaSalle Chgo Ill (10)
Certain-teed Prod Corp 120 S LaSalle Chgo Ill (25)
Flintkote Corp 30 Rockefeller Plaza NY NY (73)
Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
Fort Pitt Chem Co Pittsburgh 22 Pa
Glidden Co Cleveland Ohio (12-13)
Globe Roofing Prod Co Inc Whiting Ind
A C Horn Co 43-36 Tenth Long Island City 1 N Y
Johns-Manville Corp 22 E 40th NY 16 NY
Lehon Co 4425 S Oakley Chgo Ill
The Marietta Paint & Color Co Marietta Ohio
Nat'l Mfg Corp Tonawanda N Y
B F Nelson Mfg Co Minneapolis Minn
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Pecora Paint Co Philadelphia 40 Pa
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
Presstite Engineering 3900 Chouteau Av St Louis 10 Mo
Reilly Tar & Chemical Corp Indianapolis 4 Ind
Republic Creosoting Co Indianapolis 4 Ind (196)
The Ruberoid Co 500 Fifth Av NY 18 NY (83)
Rutland Fire Clay Co Rutland Vt
Sealcon Prod Inc 927 Second Av S Minneapolis 2 Minn
Sheboygan Paint Co Sheboygan Wis
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
Stonhard Company 401 N Broad Philadelphia 8 Pa
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
The Texas Co 135 E 42nd NY NY
United States Gypsum Co 300 W Adams Chgo Ill (59)

ROOFING—asphalt roll

American Asphalt Roof Corp Kansas City Mo
Barrett Div Allied Chem & Dye Corp 40 Rector NY NY
Bird & Son Inc East Walpole Mass (30-31)
Philip Carey Mfg Co Cincinnati 15 O (65)
Celotex Corp 120 S LaSalle Chgo Ill (10)
Certain-teed Prod Corp 120 S LaSalle Chgo Ill (25)
Chemical Supply Co 225 Plymouth Bldg Cleveland 15 Ohio
Chi-Namel Paint & Varnish Co Minneapolis Minn
Colorado Paint Co 3551 Blake Denver 5 Colo
Flintkote Co 30 Rockefeller Plaza NY NY (73)
Evercrete Corp 19 W 44th NY 18 NY
Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
Globe Roofing Prod Co Inc Whiting Ind
Johns-Manville Corp 22 E 40th NY 16 NY
Jones & Brown Inc Pittsburgh Pa
Lehon Co 4425 S Oakley Chgo Ill
Nat'l Mfg Corp Tonawanda N Y
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Ruberoid Co 500 Fifth Av NY NY (83)
The Texas Co 135 E 42nd NY NY
United States Gypsum Co 300 W Adams Chgo Ill (59)

ROOFING—steel

American Steel & Wire Co Cleveland O (147)
Bethlehem Steel Corp Bethlehem Pa
Carnegie Illinois Steel Corp Pittsburgh Pa
Cheney Metal Products Company Trenton 5 NJ (98)
Columbia Steel Co Russ Bldg San Fran 6 Cal (147)
Lyon Conklin & Co Baltimore 30 Md
Continental Steel Corp Kokomo Ind
Detroit Steel Prod Detroit Mich
The Edwards Mfg Co 427-477 Culvert Cincinnati Ohio
Inland Steel Co 38 S Dearborn Chgo 3 Ill
James Mfg Co Ft Atkinson Wis
Mid-States Steel & Wire Co Crawfordsville Ind
Milcor Steel Co Milwaukee 4 Wis
Pittsburgh Steel Co Pittsburgh Pa
Reeves Steel & Mfg Co Dover Ohio
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Jos T Ryerson & Sons Inc 2558 W 16th Chgo 8 Ill
St Paul Corrugating Co St Paul Minn
Tennessee Coal Iron & R R Co Birmingham 2 Ala (147)
Truscon Steel Co Youngstown O
U S Gypsum Co 300 W Adams Chgo 6 Ill (59)
Wheeling Corrugating Co Wheeling W Va (34)

ROPE—awning

Edwin H Fitler Co Philadelphia Pa
John H Graham & Co Inc 105 Duane NY 8 NY
Plymouth Cordage Co North Plymouth Mass
Puritan Cordage Mills Louisville Ky
St Louis Cordage Mills St Louis Mo
Samson Cordage Wks Boston Mass (118)
Silver Lake Co Newtonville Mass

ROPE—manila & sisal

Cating Rope Wks Ind Maspeth N Y
Columbian Rope Co Auburn N Y
Edwin H Fitler Co Philadelphia Pa
Hooven & Allison Co Xenia O
Thos Jackson & Son Co Reading Pa
R A Kelly Co Xenia O
New Bedford Cordage Co 233 Broadway NY NY
Plymouth Cordage Co North Plymouth Mass
St Louis Cordage Mills St Louis Mo
Tubbs Cordage Co San Francisco Cal
Upson-Walton Co Cleveland O
Wall Rope Wks Inc 48 South NY NY
Waterbury Rope Co 401 Park Av Brooklyn N Y
Whitlock Cordage Co 46 South NY NY

ROPE—wire

American Cable Div American Chain & Cable Co Inc Wilkes-Barre Pa
American Steel & Wire Co Cleveland O (147)
Broderick & Bascom Rope Co St Louis Mo
Columbia Steel Co Russ Bldg San Fran 6 Cal (147)
MacWhyte Co Kenosha Wis
Rochester Ropes Inc Jamaica N Y
John A. Roebling's Sons Co Trenton N J
Sheffield Steel Co Kansas City Mo
Upson-Walton Co Cleveland O
Wickwire Spencer Steel Co 500 Fifth Av NY NY (58)
Wire Rope Mfg & Eqpt Co Seattle Wash

Number in parenthesis indicates page on which advertisement appears

RULES—folding

Eugene Dietzgen Co 22 W Monroe Chgo Ill
Eagle Rule Mfg Corp 514 Hunts Point Av NY NY
Glaziers Tool Mfg Corp 611 W Adams Chgo Ill
Keuffel & Esser Co Hoboken N J
Lufkin Rule Co Saginaw Mich
Master Rule Mfg Co Inc 815 E 136th NY NY
Ridgely Trimmer Co Springfield Ohio
The Stanley Wks New Britain Conn (87)
L S Starrett Co Athol Mass
Warren-Knight Co Philadelphia Pa

RULES—steel

Brown & Sharpe Mfg Co 235 Promenade St Providence 1 R I
Keuffel & Esser Co Hoboken N J
Lufkin Rule Co Saginaw Mich
Master Rule Mfg Co 815 E 136th NY NY
Millers Falls-Goodell Pratt Co Greenfield Mass
The Stanley Wks New Britain Conn (87)
L S Starrett Co Athol Mass
Union Tool Co Orange Mass

RULES—slide

Eugene Dietzgen Co 2425 N Sheffield Chgo Ill
Keuffel & Esser Co Hoboken N J
L S Starrett Co Athol Mass
Warren-Knight Co Philadelphia 7 Pa

SAND BLAST EQUIPMENT

MacLeod Co Cincinnati O
Manhattan Rubber Mfg Div Raybestos Manhattan Inc Passaic NJ

SANDER HEADS—brush backed

Arcade Mfg Co Freeport Ill
Champion Blower & Forge Co Lancaster Pa
Millers Falls Co Greenfield Mass
Vonnegut Moulder Corp Indianapolis 2 Ind

SANDERS—belt, drum, spindle & disc

American Saw Mill Mchy Co Hackettstown NJ
Beach Mfg Co Montrose Pa
Black & Decker Mfg Co Towson Md
Boice Crane Co Toledo 6 O
Crescent Mach Co Leetonia O
Ekstrom, Carlson & Coe Rockford Ill
J A Fay & Egan Co 1110 Alfred Cincinnati 22 Ohio
Independent Pneumatic Tool Co 600 W Jackson Chgo 6 Ill
Newman Bros Inc 660 W 4th Cincinnati 3 Ohio
Oliver Machinery Co Grand Rapids 2 Mich
Porter Cable Mach Co Syracuse 8 NY
Skilsaw Inc 5033 Elston Av Chgo 30 Ill
Stanley Electric Tools 111 Elm New Britain Conn (87)
United States Elec Tool Co Cincinnati O
Walker Turner Co Inc Plainfield N J

SANDING MACHINE DISCS

Carborundum Co Niagara Falls N Y
Clover Mfg Co Norwalk Conn
Independent Pneumatic Tool Co 600 W Jackson Chgo 6 Ill
Mid-West Abrasive Co Detroit Mich
Minnesota Mining & Mfg Co St Paul 6 Minn
Oliver Machinery Co Grand Rapids 2 Mich
Porter Cable Mach Co Syracuse 8 NY
Sandpaper Inc Waltham Mass

SANDPAPER

Abrasive Prod Inc South Braintree Mass
Armour Sandpaper Wks 355 W 31 Chgo Ill
Behr-Manning Corp Troy N Y
Carborundum Co Niagara Falls N Y
Clover Mfg Co Norwalk Conn
Mid-West Abrasive Co Detroit Mich
Minnesota Mining & Mfg Co St Paul Minn
Porter Cable Mach Co Syracuse 8 NY
Red Devil Tools Irvington 11 NJ
Sandpaper Inc Waltham Mass

SASH BALANCES—adjustable

Austin & Eddy Inc P O Box 1504 Boston 4 Mass
Caldwell Mfg Co Rochester 4 N Y (210)
Duplex Inc 634 N LaPeer Dr Los Angeles 46 Cal
Huttig Sash & Door Co St Louis Mo
Protex Weatherstrip Mfg Co 4500 S Western Chgo Ill (11)
Pullman Mfg Corp Rochester 7 N Y (216)
Rock Island Sash & Door Wks Rock Island Ill

SASH BALANCES—spiral

Austin & Eddy Inc P O Box 1504 Boston 4 Mass
Caldwell Mfg Co Rochester 4 N Y (210)
Farley & Loetscher Mfg Co Dubuque Iowa
Milwaukee Stamping Co Milwaukee 14 Wis
Rock Island Sash & Door Wks Rock Island Ill
Unique Balance Co Inc 25 Eastern Blvd NY NY

SASH BALANCES—spring

Acme Spring Sash Balance Co Los Angeles Cal
Austin & Eddy Inc P O Box 1504 Boston 4 Mass
Caldwell Mfg Co Rochester 4 NY (210)
Duplex Inc 634 N LaPeer Dr Los Angeles 46 Cal
W H Fabry Mfg Co Inc Alhambra Cal
Grand Rapids Hdwe Co Grand Rapids Mich
Huttig Sash & Door Co St Louis Mo
Protex Weatherstrip Mfg Co 4500 S Western Chgo Ill (11)
Pullman Mfg Corp Rochester 7 N Y (216)
Rock Island Sash & Door Wks Rock Island Ill
Unique Balance Co Inc 25 Eastern Blvd NY NY

SASH PULLEYS

Andersen Fdry Co Bayport Minn
Arcade Mfg Co Freeport Ill
Austin & Eddy Inc P O Box 1504 Boston 4 Mass
Champion Hdwe Co Geneva O
Chantrell Hdwe & Tool Co Fitchburg Mass
Cleveland Lock Wks Div Consolidated Iron Steel Mfg Co 1283 E 53rd Cleveland 14 Ohio (96)
P & F Corbin New Britain Conn
Grand Rapids Hdwe Co Grand Rapids Mich
Grant Pulley & Hdwe Co 33-36 57 Woodside Long Island N Y
Huttig Sash & Door Co St Louis Mo
Kline Hdwe Co Allentown Pa
Lockwood Hdwe Mfg Co Fitchburg Mass
Nat'l Lock Co Rockford Ill (102)
Penn Hdwe Co Reading Pa
Protex Weatherstrip Mfg Co 4500 S Western Chgo Ill (11)
Reading Hdwe Corp Reading Pa
Russell & Erwin Mfg Co New Britain Conn (181)
Sargent & Co New Haven Conn
The Stanley Wks New Britain Conn (87)

SASH WEIGHTS

Belmont Smelting & Refining Wks Inc 330 Belmont Av Brooklyn N Y
Bennett-Ireland Norwich NY
Farley & Loetscher Mfg Co Dubuque Iowa
Grey Iron Casting Co Mt Joy Pa
Huttig Sash & Door Co St Louis Mo
Johnston & Jennings Co Cleveland O
King Stove & Range Co Sheffield Ala
National Lead Co 111 Broadway NY NY
Protex Weatherstrip Mfg Co 4500 S Western Chicago Ill (11)
Quinn Wire & Iron Wks Boone Ia
Thayer Fdry Co Atchison Kan
Waterbury Fdry Co Waterbury Conn
Western Fdry Co Portland 1 Ore
Western Fdry & Sash Weight Co St Louis Mo
Yonkers Sash Weight Corp Yonkers 1 N Y

SAW GUARDS

American Saw Mill Mchry Co Hackettstown N J
E C Atkins & Co Indianapolis Ind
Beach Mfg Co Montrose Pa
Crescent Machine Co Leetonia O
The Filer & Stowell Co Milwaukee 7 Wis
Oliver Machinery Co Grand Rapids 2 Mich
Sharp Mfg Co 1224 Wall Los Angeles 15 Cal

SAW MANDRELS

American Saw Mill Mchry Co Hackettstown N J
Beach Mfg Co Montrose Pa
Clizbe Bros Mfg Co Plymouth Ind
Corinth Machinery Co Corinth Miss (195)
The Filer & Stowell Co Milwaukee 7 Wis
Peck Stow & Wilcox Co Southington Conn
Prescott Co Menominee Mich
J D Wallace & Co 134 S California Av Chgo Ill
Yates American Mach Co Beloit Wis

SAW REPAIRS & ADJUSTMENTS

Miner & Sons Saw Wks Shreveport La
J H Miner Saw Mfg Co Meridian Miss (104-220)

SAW SHARPENING MACHINES

American Saw Mill Mchry Co Hackettstown N J
E C Atkins & Co Indianapolis Ind
Covel-Hanchett Co Big Rapids Mich
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
The Filer & Stowell Co Milwaukee 7 Wis
Foley Mfg Co Minneapolis Minn
Prescott Co Menominee Mich
Samuel S Rogers & Co Buffalo N Y
Wardwell Mfg Co Cleveland 9 O
Yates-American Mach Co Beloit Wis

SAWMILL DOGS

Allis Chalmers Mfg Co Milwaukee Wis
American Saw Mill Mchry Co Hackettstown N J
Bennett-Ireland Norwich NY
Chase Turbine Mfg Co Orange Mass
Corinth Machinery Co Corinth Miss (195)
Corley Mfg Co Chattanooga 1 Tenn (188)
The Filer & Stowell Co Milwaukee 7 Wis
Kent Machine Co Cuyahoga Falls Ohio (190)
McDonough Mfg Co Eau Claire Wis (192)
Page Belting Co Concord New Hampshire
Prescott Co Menominee Mich

SAWS—band

Allis Chalmers Mfg Co Milwaukee Wis
American Saw Mill Mchry Co Hackettstown N J
E C Atkins & Co Indianapolis 9 Ind
Beach Mfg Co Montrose Pa
Black & Decker Mfg Co Towson Md
Boice Crane Co Toledo 6 O
C H & E Mfg Co Milwaukee 12 Wis
Crescent Mach Co Leetonia O
Delta Mfg Co Milwaukee Wis
DeWalt Prod Corp Lancaster Pa (111)
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
J A Fay & Egan Co 1110 Alfred Cincinnati 22 Ohio
John H Graham & Co Inc 105 Duane NY 8 NY
Huther Bros Saw Mfg Co Inc Rochester 7 N Y (193)
E T Lippert Saw Co Pittsburgh 9 Pa
Mall Tool Co 7733 So Chicago Av Chgo 19 Ill (191)
Millers Falls Co Greenfield Mass
Oliver Machinery Co Grand Rapids 2 Mich
Parks Woodworking Mach Cincinnati O
L Power & Company 2815 Oakford Philadelphia 46 Pa
Jos T Ryerson & Sons Inc 2558 W 16th Chgo 8 Ill
Sandvik Saw & Tool Corp 47 Warren NY NY
Simonds Saw & Steel Co Fitchburg Mass (189)
The Stanley Wks New Britain Conn (87)
L S Starrett Athol Mass
Walker Turner Co Inc Plainfield N J
J D Wallace & Co 153 S California Av Chgo 12 Ill
S A Woods Mach Co Boston 10 Mass (104)
Woodworkers Tool Wks 222 S Jefferson Chgo Ill
Yates-American Mach Co Beloit Wis

Number in parenthesis indicates page on which advertisement appears

SAWS—bench

American Saw Mill Mchry Co Hackettstown N J
Arcade Mfg Co Freeport Ill
E C Atkins & Co Indianapolis Ind
Beach Mfg Co Montrose Pa
Boice Crane Co Toledo O
Champion Blower & Forge Co Lancaster Pa
Delta Mfg Co Milwaukee Wis
DeWalt Prod Corp Lancaster Pa (111)
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
Greenlee Bros & Co Rockford Ill
E T Lippert Saw Co Pittsburgh Pa
Mall Tool Co 7733 So Chicago Av Chgo 19 Ill (191)
Newman Machine Co Inc Greensboro N C
Parks Woodworking Machine Co Cincinnati O
Jos T Ryerson & Sons Inc 2558 W 16th Chgo 8 Ill
Sandvik Saw & Tool Corp 47 Warren NY NY
Walker Turner Co Inc Plainfield N J
J D Wallace & Co 134 S California Av Chgo Ill
Yates-American Machine Co Beloit Wis

SAWS—bucking

E C Atkins & Co Indianapolis Ind
Beach Mfg Co Montrose Pa
Davey Compressor Co Kent Ohio
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
Mill & Mine Supply Co Seattle 4 Wash (215)
Ohlen-Bishop Co Columbus O

SAWS—chamfering

E C Atkins & Co Indianapolis 9 Ind
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
Huther Bros Saw Mfg Co Inc Rochester 7 N Y (193)
Wilkin-Challoner Co Oshkosh Wis

SAWS—circular

American Saw Mill Mchry Co Hackettstown N J
E C Atkins & Co Indianapolis Ind
Beach Mfg Co Montrose Pa
C H & E Manufacturing Co Inc Milwaukee Wis
Chase Turbine Mfg Co Orange Mass
Corley Mfg Co Chattanooga 1 Tenn (188)
Delta Mfg Co Milwaukee Wis
DeWalt Prod Corp Lancaster Pa (111)
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
R Hoe & Co Inc East River & 138th NY NY
Huther Bros Saw Mfg Co Inc Rochester 7 N Y (193)
E T Lippert Saw Co Pittsburgh Pa
Mall Tool Co 7733 So Chicago Av Chgo 19 Ill (191)
J H Miner Saw Mfg Co Meridian Miss (104-220)
Ohlen-Bishop Co Columbus O
Oliver Machinery Co Grand Rapids 2 Mich
Parks Woodworking Machine Co Cincinnati O
Porter Cable Mach Co Syracuse 8 NY
L Power & Company 2815 Oakford Philadelphia 46 Pa
Simond Saw & Steel Co Fitchburg Mass (189)
Walker Turner Co Inc East Plainfield N J
J D Wallace & Co 147 S California Av Chgo Ill
Woodworkers Tool Wks 222 S Jefferson Chgo Ill
Yates-American Mach Co Beloit Wis

SAWS—circular dado

American Saw Mill Mchry Co Hackettstown N J
Beach Mfg Co Montrose Pa
Boice Crane Co Toledo 6 Ohio
DeWalt Prod Corp Lancaster Pa (111)
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
Huther Bros Saw Mfg Co Inc Rochester 7 NY (193)
Simonds Saw & Steel Co Fitchburg Mass (189)

SAWS—cutoff

American Saw Mill Mchry Co Hackettstown N J
E C Atkins & Co Indianapolis 9 Ind
Beach Mfg Co Montrose Pa
Boice Crane Co Toledo 6 Ohio
Crescent Mach Co Leetonia O
DeWalt Prod Corp Lancaster Pa (111)
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
J A Fay & Egan Co Cincinnati O
E T Lippert Saw Co Pittsburgh 9 Pa
Ohlen-Bishop Co Columbus O
Oliver Machinery Co Grand Rapids 2 Mich
Jos T Ryerson & Sons Inc 2558 W 16th Chgo 8 Ill
Stetson-Ross Mach Co Seattle 4 Wash (113)
J D Wallace & Co 153 S California Av Chgo 12 Ill
Wilkin-Challoner Co Oshkosh Wis
S A Woods Mach Co Boston 10 Mass (104)
Yates-American Mach Co Beloit Wis

SAWS—grooving

E C Atkins & Co Indianapolis 9 Ind
Beach Mfg Co Montrose Pa
Boice Crane Co Toledo 6 Ohio
Corley Mfg Co Chattanooga Tenn (188)
DeWalt Prod Corp Lancaster Pa (111)
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
Huther Bros Saw Mfg Co Inc Rochester N Y (193)
E T Lippert Saw Co Pittsburgh Pa
Mall Tool Co 7733 So Chicago Av Chgo 19 Ill (191)
Ohlen-Bishop Co Columbus O
Simonds Saw & Steel Co Fitchburg Mass (189)
Skilsaw Inc 5033 Elston Av Chgo 30 Ill
Woodworkers Tool Wks 222 S Jefferson Chgo Ill

SAWS—hand

American Saw & Mfg Co Springfield Mass
E C Atkins & Co Indianapolis 9 Ind
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
Mephisto Tool Co Inc Hudson NY
Sandvik Saw & Tool Corp 47 Warren NY NY
Simonds Saw & Steel Co Fitchburg Mass (189)
L S Starrett Co Athol Mass

SAWS—inserted tooth circular

E C Atkins & Co Indianapolis 9 Ind
Chase Turbine Mfg Co Orange Mass
Chattanooga Saw Wks Chattanooga Tenn
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
J A Fay & Egan Co 1110 Alfred Cincinnati 22 Ohio
R Hoe & Co Inc 910 E 138th NY 54 NY
Huther Bros Saw Mfg Co Inc Rochester N Y (193)
E T Lippert Saw Co Pittsburgh Pa
Ohlen-Bishop Co Columbus O
Simonds Saw & Steel Co Fitchburg Mass (189)

SAWS—jig

E C Atkins & Co Indianapolis Ind
Beach Mfg Co Montrose Pa
Boice Crane Co Toledo 6 O
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
J A Fay & Egan Co 1110 Alfred Cincinnati 22 Ohio
E T Lippert Saw Co Pittsburgh Pa
Oliver Machinery Co Grand Rapids 2 Mich
Walker Turner Co Inc East Plainfield N J

SAWS—metal cutting

E C Atkins & Co Indianapolis 9 Ind
Beach Mfg Co Montrose Pa
Boice Crane Co Toledo 6 Ohio
Delta Mfg Co Milwaukee Wis
DeWalt Prod Corp Lancaster Pa (111)
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
J A Fay & Egan Co 1110 Alfred Cincinnati 22 Ohio
John H Graham & Co Inc 105 Duane NY 8 NY
Huther Bros Saw Mfg Co Inc Rochester 7 N Y (193)
E T Lippert Saw Co Pittsburgh Pa
Miller Falls Co Greenfield Mass
Jos T Ryerson & Sons Inc 2558 W 16th Chgo 8 Ill
Simonds Saw & Steel Co Fitchburg Mass (189)
Skilsaw Inc 5033 Elston Av Chgo 30 Ill
L S Starrett Co Athol Mass

SAWS—mitre

E C Atkins & Co Indianapolis 9 Ind
Beach Mfg Co Montrose Pa
Boice Crane Co Toledo 6 Ohio
DeWalt Prod Corp Lancaster Pa (111)
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
Millers Falls Co Greenfield Mass
Ohlen-Bishop Co Columbus O
Oliver Machinery Co Grand Rapids 2 Mich
J A Fay & Egan Co Cincinnati O

SAWS—muley

E C Atkins & Co Indianapolis 9 Ind
Ohlen-Bishop Co Columbus O
Oliver Machinery Co Grand Rapids 2 Mich

SAWS—portable electric

Beach Mfg Co Montrose Pa
Black & Decker Mfg Co Towson Md
Clarke Sanding Mach Co Muskegon 82 Mich
DeWalt Prod Corp Lancaster Pa (111)
Independent Pneumatic Tool Co 600 W Jackson Chgo 6 Ill
Mall Tool Co 7733 So Chicago Av Chgo 19 Ill (191)
The Master Woodworking Mfg Co Inc 409 E Fort Detroit 26 Mich
Millers Falls Co Greenfield Mass
Porter Cable Machine Co Syracuse N Y
Jos T Ryerson & Sons Inc 2558 W 16th Chgo 8 Ill
Skilsaw Inc 5033 N Elston Chgo Ill
Speedway Mfg Co 1634 So 52nd Av Cicero Ill
Stanley Electric Tools 111 Elm New Britain Conn (87)
U S Electrical Tool Co Cincinnati 14 O
Fred W Wappatt Pittsburgh Pa

SAWS—power, tree falling & log bucking

E C Atkins & Co Indianapolis Ind
Davey Compressor Co Kent Ohio
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
Hansen Mach & Supply Co 820 Broadway Eureka Cal
Lombard Governor Corp Ashland Mass (90)
Harry A. Lowther Co 141 W Jackson Chgo 4 Ill
Mall Tool Co 7733 So Chicago Av Chgo 19 Ill (191)
Mill & Mine Supply Co Seattle 4 Wash (215)
Sandvik Saw & Tool Corp 47 Warren NY NY

SAWS—radial

American Saw Mill Mchry Co Hackettstown N J
Beach Mfg Co Montrose Pa
Delta Mfg Co Milwaukee Wis
DeWalt Prod Corp Lancaster Pa (111)
Mall Tool Co 7733 So Chicago Av Chgo 19 Ill (191)
The Master Woodworking Mfg Co Inc 409 E Fort Detroit 26 Mich
Porter Cable Mach Co Syracuse N Y
Walker-Turner Co Inc Plainfield N J
J D Wallace & Co 153 So California Av Chgo 12 Ill

SAWS—solid tooth circular

E C Atkins & Co Indianapolis 9 Ind
Beach Mfg Co Montrose Pa
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
R Hoe & Co Inc 910 E 138th NY 54 NY
Huther Bros Saw Mfg Co Inc Rochester 7 NY (193)
E T Lippert Saw Co Pittsburgh 9 Pa

SAWS—swing

American Saw Mill Mchry Co Hackettstown N J
Beach Mfg Co Montrose Pa
E C Atkins & Co Indianapolis Ind
Corinth Machinery Co Corinth Miss (195)
Corley Mfg Co Chattanooga Tenn (188)
Crescent Machine Co Leetonia O
DeWalt Prod Corp Lancaster Pa (111)
J A Fay & Egan Co 1110 Alfred Cincinnati 22 Ohio
The Filer & Stowell Co Milwaukee 7 Wis
The Master Woodworking Mfg Co Inc 409 E Fort Detroit 26 Mich
Ohlen-Bishop Co Columbus O
Oliver Machinery Co Grand Rapids 2 Mich
Yates-American Machine Co Beloit Wis

Number in parenthesis indicates page on which advertisement appears

SAWS—tilting arbor table

Beach Mfg Co Montrose Pa
Boice Crane Co Toledo 6 Ohio
DeWalt Prod Corp Lancaster Pa (111)
J A Fay & Egan Co 1110 Alfred Cincinnati 22 Ohio
The Filer & Stowell Co Milwaukee 7 Wis
Oliver Machinery Co Grand Rapids 2 Mich

SAWS—variety

E C Atkins & Co Indianapolis Ind
Beach Mfg Co Montrose Pa
Boice Crane Co Toledo 6 Ohio
DeWalt Prod Corp Lancaster Pa (111)
Greenlee Bros & Co Rockford Ill
The Master Woodworking Mfg Co Inc 409 E Fort Detroit 26 Mich
Oliver Machinery Co Grand Rapids 2 Mich
Skilsaw Inc 5033 Elston Av Chgo 30 Ill
J D Wallace & Co 153 So California Av Chgo 12 Ill

SAW SETS

American Sawmill Mach Co Hackettstown N J
E C Atkins & Co Indianapolis 9 Ind
Covel-Hanchett Co Big Rapids Mich
DeWalt Prod Corp Lancaster Pa (111)
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
John H Graham & Co Inc 105 Duane NY 8 NY
Millers Falls Co Greenfield Mass
Peck Stow & Wilcox Co Southington Conn
Sandvick Saw & Tool Corp 47 Warren NY NY
Sargent & Co New Haven Conn
Simonds Saw & Steel Co Fitchburg Mass (189)
The Stanley Wks New Britain Conn (87)
E C Stearns & Co Syracuse N Y

SCAFFOLDS

Advance Equipment Mfg Co 4617 W Chicago Av Chgo Ill
American Ladder Co 3700 W 35th Chgo Ill
W W Babcock Co Bath NY (213)
John Berg Mfg Co 5319 S LaSalle Chgo Ill
J R Clark Co Minneapolis Minn
Deco Vator Scaffolding Corp Detroit Chgo Ill
A W Flint Co New Haven Conn
Newark Ladder & Bracket Sales Co Inc 657 S 13th Newark 3 NJ
Michigan Ladder Co Ypsilanti Mich
Moulton Ladder Mfg Co Somerville Mass
Patent Scaffolding Co 1550 N Dayton St Chgo Ill
Rich Ladder & Mfg Co 1000 Depot St Cincinnati 4 O
Ridgely Trimmer Co Springfield O
Safeway Steel Prod Inc Milwaukee 13 Wis
Steel Scaffolding Co Evansville Ind
John S Tilley Ladders Co Inc Watervliet N Y
Warner Mfg Co 801 16th Av SE Minneapolis 14 Minn
Woodenware Prod Corp St Louis 1 Mo

SCALES—counter

Barnes Prod Inc Detroit Mich
Buffalo Scale Co Buffalo N Y
John Chatillon & Sons 85 Cliff NY NY
Dayton Scale Co Dayton O
The Exact Weight Scale Co Columbus Ohio
Fairbanks Morse & Co 600 S Michigan Av Chgo Ill (24)
Hanson Scale Co 525 N Ada Chgo Ill
Howe Scale Co Rutland Vt
Jacobs Bros Co Inc 1 Main Brooklyn N Y
Toledo Scale Co Toledo O
Triner Scale & Mfg Co 2714 W 21st Chgo Ill

SCALES—moisture content, lumber

Exact Weight Scale Co Columbus O
Fairbanks Morse & Co 600 S Michigan Av Chgo Ill (24)
Grand Rapids Vapor Kiln Inc Grand Rapids 2 Mich
Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)
Standard Dry Kiln Co P O Box 541 Indianapolis Ind
Toledo Scale Co Toledo Ohio

SCALES—platform

American Scale Co Kansas City Mo
Bonded Scale Co 19 Bellview Ave Columbus 7 Ohio
Buffalo Scale Co Buffalo N Y
John Chatillon & Son 85 Cliff NY NY
Dayton Scale Co Dayton O
The Exact Weight Scale Co Columbus Ohio
Fairbanks Morse & Co 600 S Michigan Av Chgo Ill (24)
Howe Scale Co Rutland Vt
Jacobs Bros Co Inc 1 Main Brooklyn N Y
Knowles Scale Wks Lowell Mas
Toledo Scale Co Toledo O

SCALES—truck

Bonded Scale Co 19 Bellview Ave Columbus 7 Ohio
Buffalo Scale Co Buffalo N Y
Fairbanks Morse & Co 600 S Michigan Av Chgo Ill (24)
Howe Scale Co Rutland Vt
Toledo Scale Co Toledo O

SCALES—warehouse

Bonded Scale Co 19 Bellview Ave Columbus 7 Ohio
Buffalo Scale & Mfg Co Buffalo N Y
Exact Weight Scale Co Columbus O
Fairbanks Morse & Co 600 S Michigan Av Chgo Ill (24)
Howe Scale Co Rutland Vt
Toledo Scale Co Toledo O

SCRAPERS—foot

Grey Iron Casting Co Mt Joy Pa
Lawrence Bros Sterling Ill
McKinney Mfg Co Pittsburgh Pa
Natl Mfg Co Sterling Ill
Richards-Wilcox Mfg Co Aurora Ill
Sargent & Co New Haven Conn
Wrightsville Hdwe Co Wrightsville Pa

SCREEDS—base

Consolidated Expanded Metals Cos
Knapp Bros Mfg Co 38 So Dearborn Chgo Ill
Milcor Steel Co So 41st & W Burnham Milwaukee 4 Wis
Penn Metal Co Inc 205 E 42nd NY 17 NY
Truscon Steel Co Youngstown O
Wheeling Corrugating Co Wheeling W Va (34)

SCREEN WIRE

American Brass Co Waterbury Conn
American Wire Fabrics Corp 500 5 Av NY NY (58)
Chase Brass & Copper Co Waterbury Conn
Clinton Wire Cloth Co Clinton Ia
Cyclone Fence Div American Steel & Wire Co P O Box 260 Waukegan 1 Ill
Driver-Harris Co Harrison N J
Gilbert & Bennett Mfg Co Georgetown Conn
Hanover Wire Cloth Co Hanover Pa
Ingersoll Steel & Disc Div Borg Warner Corp 310 S Michigan Av Chgo Ill
C O Jelliff Mfg Corp Southport Conn
Keystone Steel & Wire Co Peoria Ill
Newark Wire Cloth Co Newark N J
New York Wire Cloth Co 500 5th Av NY NY
Orange Screen Co Maplewood N J
Pennsylvania Woven Wire Co Lock Haven Pa
Pequot Wire Cloth Co Inc So Norwalk Conn
Reynolds Wire Co Dixon Ill (95)
John A Roebling's Sons Co Trenton N J
Seneca Wire & Mfg Co Fostoria O (218)
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
W S Tyler Co Cleveland O
Wickwire Bros Inc Cortland N Y (20)
Wickwire Spencer Steel Co 500 5th Av NY 18 NY (58)
G F Wright Steel & Wire Co Worcester Mass

SCREEN WIRE—plastic

Chicopee Sales Corp 40 Worth NY NY (32)
Irvington Varnish & Insulator Co Irvington N J
New York Wire Cloth Co 500 5th Av NY NY
Pennsylvania Woven Wire Co Lock Haven Pa
Pierce Plastics Inc Bay City Mich
Wickwire Spencer Steel Company 500 Fifth Av NY 18 NY (58)

SCREENS—door & window, metal frame

Adams Co Dubuque Ia
Chamberlin Company of America Detroit Mich
Crittall-Federal Inc Waukesha Wis
Detroit Steel Prods Co Detroit Mich
Gabriel Steel Co Detroit Mich
Gold Seal Mfg Co 20 N Sangamon Chgo Ill
Hope's Windows Inc Jamestown NY
James Mfg Co Ft Atkinson Wis
Mesker Bros 433 So 7th St St Louis Mo (62-63)
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Orange Screen Co Maplewood N J
Protex Weatherstrip Mfg Co 4500 S Western Chgo Ill (11)
Rudiger Lang Co Berkeley Cal
Soule Steel Co San Francisco 24 Cal
Truscon Steel Co Youngstown O

SCREENS—door & window, wood frame

Adams & Kelly Omaha Neb
American Sash & Door Co Kan City Mo
Angel Novelty Co Fitchburg Mass
Bardwell Robinson Minneapolis Minn
Carr Adams & Collier Co Dubuque Ia (51)
Chamberlin Company of America Detroit Mich
Cole Mfg Co Memphis Tenn
Continental Screen Co Detroit 26 Mich
Crown Shade & Screen Co Boston Mass
Curtis Cos Inc Clinton Ia (27)
Farley & Loetscher Mfg Co Dubuque Iowa
Fordyce-Crossett Sales Co Fordyce Ark
Gen'l Woodcraft Co Inc North Bergen N J
Gregg & Son Nashua N H (117)
Huttig Mfg Co Muscatine Ia (108-109)
Huttig Sash & Door Co St Louis Mo
Ideal Co Box 889 Waco Tex
Marquart Millwork Co Oshkosh Wis
Morgan Co Oshkosh Wis
Mt Shasta Pine Mfg Co Mt Shasta Cal
Pacific Mutual Door Co Tacoma Wash (206)
F W Prentice & Co Adrian Mich
Roach & Musser Co Muscatine Ia (74)
Rock Island Sash & Door Wks Rock Island Ill
Royal Glass Wks Corp 50-20 5th Long Island City 1 N Y
F E Schumacher Co Hartville O
Segelke & Kohlhaus Co La Crosse Wis
Geo J Silbernagel S S Michigan Av Chgo 11 Ill (112)
George J Silbernagel & Sons Co Wausau Wis (77)
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
Wabash Screen Door Co 310 S Michigan Av Chgo Ill
West Coast Screen Co Los Angeles 1 Cal
Wheeler Osgood Sales Corp Tacoma Wash (8)
White Pine Sash Co Spokane 7 Wash

SCREENS—electric for doors & windows

Electro-Static Mfg Co Niles Mich
Gardner Mfg Co Horicon Wis
Harvard Electric Co 2608 W Flournoy Chgo Ill
National Elec Screen Corp 549 W Washington Chgo 6 Ill

SCREENS—fireplace

Adams Co Dubuque Ia
The American Windshield & Specialty Co Milford Conn
Bennett-Ireland Norwich NY
Chamberlin Company of America Detroit Mich
Colonial Brass Co Middleboro Mass
Colonial Fireplace Co 540 N Cicero Av Chgo 44 Ill
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Littlestown Hdw & Fdry Co Littlestown Pa
Logan Co Inc Louisville Ky
Majestic Co Huntington Ind
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Peerless Mfg Corp Louisville Ky
Sheffield Mfg Co 119 W 25 NY NY
John P Smith Co New Haven Conn
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
Superior Fireplace Co Los Angeles Cal (100)
A L Swett Iron Wks Medina N Y

Number in parenthesis indicates page on which advertisement appears

SCREENS—rolling window

Higgin Prod Inc Newport Ky
Kane Mfg Corp Kane Pa
Metalcraft Co Boston Mass
Rolscreen Co Pella Ia
Rudiger Lang Co Berkeley Cal
Universal Roller Screen Co 2055 N Racine Av Chgo Ill

SCREENS—sun deflector

Ingersoll Steel & Disc Div Borg Warner Corp 310 S Michigan Av Chgo Ill
Kane Mfg Corp Kane Pa
Orange Screen Co Maplewood N J

SCREW DRIVERS

American Swiss File & Tool Co Elizabeth N J
C J Bates & Son Chester Conn
Bonney Forge & Tool Wks Allentown Pa
Bridgeport Hdw Mfg Co Bridgeport 5 Conn
A C Cook Co Onsonia Conn
Cornwell Quality Tools Co Mogadore O
Crescent Tool Co Jamestown N Y
Damascus Steel Prod Corp Rockford Ill
E W Deuse Co Chester Conn
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
Fairmont Tool & Forging Co 10611 Quincy Av Cleveland Ohio
Forsberg Mfg Co Bridgeport Conn
John H Graham & Co Inc 105 Duane NY 8 NY
H J Harrold Tool Co Columbiana O
Irwin Auger Bit Co Wilmington O
Iver Johnson's Arms & Cycle Wks Fitchburg Mass
Mayhew Steel Prods Inc Shelburne Falls Mass
Mephisto Tool Co Inc Hudson NY
Millers Falls Co Greenfield Mass
North Bros Mfg Co Philadelphia Pa
Owatonna Tool Co Owatonna Minn
P & C Forged Tool Co Portland Ore
The Stanley Wks New Britain Conn (87)
L S Starrett Co Athol Mass
Union Hdwe Co Torrington Conn
United Wire Goods Mfg Co Inc 1150 Broadway NY NY
Vichek Tool Co Cleveland O
Washburn Co Worcester Mass
Wilde Drop Forge Tool Co Kansas City Mo

SCREW DRIVERS—portable electric

Black & Decker Mfg Co Towson Md
Chicago Pneumatic Tool Co 6 E 44 NY NY
Independent Pneumatic Tool Co 600 W Jackson Chgo 6 Ill
Millers Falls Co Greenfield Mass
Speedway Mfg Co Cicero Ill
Stanley Electric Tools 111 Elm New Britain Conn (87)
U S Electrical Tool Co Cincinnati 14 O

SCREW DRIVERS—ratchet

American Swiss File & Tool Co Elizabeth N J
Greenlee Bros & Co Rockford Ill
John H Graham & Co Inc 105 Duane NY 8 NY
Millers Falls Co Greenfield Mass

SCREWS—brass & bronze

American Screw Co Providence R I (43)
Atlas Bolt & Screw Co Cleveland O
Austin & Eddy Inc P O Box 1504 Boston 4 Mass
Blake & Johnson Co Waterville Conn
Bridgeport Brass Co Bridgeport Conn
Central Screw Co 3501 S Shields Av Chgo Ill
Chase Brass & Copper Co Waterbury Conn
Continental Screw Co New Bedford Mass
Curtis Screw Co Inc Buffalo N Y
Elco Tool & Screw Corp 1818 Broadway Rockford Ill
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Wm H Haskell Mfg Co Pawtucket R I
Manufacturers Screw Prod 222 W Hubbard Chgo 10 Ill
Natl Acme Co Cleveland O
Natl Lock Co Rockford Ill (102)
Pheoll Mfg Co 5700 Roosevelt Rd Chgo Ill
Reed & Prince Mfg Co Worcester Mass
St Louis Screw & Bolt Co St Louis Mo
Southington Hdwe Mfg Co Southington Conn

SCREWS—machine

American Screw Co Providence R I (43)
Atlas Bolt & Screw Co Cleveland O
Austin & Eddy Inc P O Box 1504 Boston 4 Mass
Blake & Johnson Co Waterville Conn
Central Screw Co 3501 S Shields Av Chgo Ill
Clark Bros Bolt Co Milldale Conn
Continental Screw Co New Bedford Mass
The Eagle Lock Company Terryville Conn
Economy Screw Corp 2717 Greenview Av Chgo Ill
Elco Tool & Screw Corp 1818 Broadway Rockford Ill
Genl Screw Mfg Co 1228 W Monroe Chgo Ill
John Hassall Inc 402 Oakland Brooklyn N Y
Lamson & Sessions Co Cleveland O
Manufacturers Screw Prod 222 W Hubbard Chgo 10 Ill
Natl Screw & Mfg Co Cleveland O
Paine Co 2951 W Carroll Av Chgo 12 Ill
Pheoll Mfg Co 5700 Roosevelt Rd Chgo Ill
Reading Screw Co Norristown Pa
Reed & Prince Mfg Co Worcester Mass
Rockford Screw Prods Co Rockford Ill
Russell Burdsall & Ward Bolt & Nut Co Port Chester N Y
St Louis Screw Co St Louis Mo
Sterling Bolt Co 209 W Jackson Chgo Ill
United Screw & Bolt Corp 2513 W Cullerton Chgo Ill

SCREWS—wood

American Screw Co Providence R I (43)
Atlantic Screw Wks Inc Hartford Conn
Austin & Eddy Inc P O Box 1504 Boston 4 Mass
Continental Screw Co New Bedford Mass
The Eagle Lock Company Terryville Conn
Elco Tool & Screw Corp 1818 Broadway Rockford Ill
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Hubbard & Co 6301 Butler St Pittsburgh 1 Pa
Joslyn Mfg & Supply Co 20 N Wacker Dr Chgo Ill
Manufacturers Screw Prod 222 W Hubbard Chgo 10 Ill
Natl Screw & Mfg Co Cleveland O
Chas Parker Co Meridan Conn
Paine Co 2955 Carroll Av Chgo Ill
Pheoll Mfg Co 5700 W Roosevelt Rd Chgo 50 Ill
Reading Screw Co Norristown Pa
Reed & Prince Mfg Co Worcester Mass
Rockford Screw Prods Co Rockford Ill

SCUTTLES—roof

Bilco Mfg Co New Haven 6 Conn

SET GRATES—cast iron

Chattanooga Implement & Mfg Co E Chattanooga 6 Tenn

SHADES—window

Aeroshade Co Waukesha Wis
Chas W Breneman Co Cincinnati O
Clopay Corp Cincinnati O
Columbia Mills Inc 225 5 Av NY NY
Columbus Coated Fabrics Corp 7th & Grant Avs Columbus 16 Ohio
E I du Pont de Nemours & Co Newburgh N Y
F S Harmon Co Tacoma Wash
Higgin Prods Inc Newport Ky
Hough Shade Corp Janesville Wis
Stewart Hartshorn Co 250 Fifth Av NY 1 NY
Wm Volker & Co Kansas City Mo

SHELVING—steel

All-Steel Equip Co Inc Aurora Ill
Aurora Equipment Co Aurora Ill
Cleveland Wire Spring Co 5250 Brookpark Road Cleveland 9 Ohio
Deluxe Metal Furniture Co Warren Pa
Excel Metal Cabinet Co Jamestown NY
Frick-Gallagher Mfg Co Wellston O
Harrison Steel Cabinet Co 4718 W 5th Chgo Ill
W C Heller & Co 539 N Clark St Montpelier Ohio
Houston Blow Pipe & Sheet Mtl Wks Houston Tex (28)
Interlock Metal Units Inc 50 Cliff NY NY
Lyon Metal Prods Inc Aurora Ill
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Universal Fixture Corp 133 W 23 NY NY
J D Warren Mfg Co Montpelier O
Wheeling Corrugating Co Wheeling W Va (34)

SHELVING—wood

Frick-Gallagher Mfg Co Wellston O
W C Heller & Co 539 N Clark St Montpelier Ohio
Huttig Sash & Door Co St Louis Mo
Lyon Metal Prod Inc Aurora Ill
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
J D Warren Mfg Co Montpelier O

SHIELDS—expansion bolt

Ackerman-Johnson Co 625 W Jackson Blvd Chgo Ill
Barrett Sales Co 2612 W Barry Av Chgo Ill
Chicago Expansion Bolt Co 2240 W Ogden Av Chgo 12 Ill
Diamond Expansion Bolt Co Garwood N J
Paine Co 2951 W Carroll Av Chgo Ill
Rawlplug Co Inc 97 Lafayette NY NY
Star Expansion Bolt Co 147 Cedar NY NY
Sterling Bolt Co 209 W Jackson Blvd Chgo Ill
U S Expansion Bolt Co Inc York Pa

SHINGLES—asbestos cement

Barrett Div Allied Chem & Dye Corp 40 Rector St NY NY
Philip Carey Mfg Co Cincinnati 15 O (65)
Flintkote Co 30 Rockefeller Plaza NY NY (73)
Johns-Manville Corp 22 E 40th NY 16 NY
Keasbey & Mattison Co Ambler Pa
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
The Ruberoid Co 500 Fifth Av N Y 18 NY (83)
Standard Asbestos Mfg Co 822 W Lake Chgo Ill
U S Gypsum Co 300 W Adams Chgo Ill (59)

SHINGLES—asphalt

American Asphalt Roof Corp Kan City Mo
Barrett Div Allied Chemical & Dye Corp 40 Rector NY NY
Bird & Son Inc East Walpole Mass (30-31)
Philip Carey Mfg Co Cincinnati 15 O (65)
Celotex Corp 120 S LaSalle Chgo Ill (10)
Certain-teed Prod Corp 120 S LaSalle Chgo Ill (25)
Flintkote Co 30 Rockefeller Plaza NY NY (73)
Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
Globe Roofing Prod Co Inc Whiting Ind
Johns-Manville Corp 22 E 40th NY 16 NY
Jones & Brown Inc Pittsburgh Pa
Lehon Co 4425 S Oakley Chgo Ill
Natl Mfg Corp Tonawanda N Y
B F Nelson Mfg Co Minneapolis Minn
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
The Ruberoid Co 500 Fifth Av NY 18 NY (83)
The Texas Co 135 E 42 NY NY
U S Gypsum Co 300 W Adams Chgo Ill (59)

SHINGLES—galvanized steel

The Edwards Mfg Co 427-477 Culvert Cincinnati Ohio
Ideal Can Co Everett 49 Mass
Mid-States Steel & Wire Co Crawfordsville Ind
Northwest Metal Prod Inc Seattle 4 Wash
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Tennessee Coal Iron & Railroad Co Birmingham Ala (147)
Wheeling Corrugating Co Wheeling W Va (34)

Number in parenthesis indicates page on which advertisement appears

SHINGLES—red cedar

Aberni-Pacific Lbr Co Ltd Port Alberni B C
Acme Shingle Co Elma Wash
Acme Shingle Co Ltd Marpole B C
S A Agnew Lbr Co Centralia Wash
Aloha Lbr Co Aloha Wash
Anacortes Shingle Co Anacortes Wash
B L Shingle Co Darrington Wash
Bestwood Cedar Shingle Co Ltd Barnet B C
Bloedel Donovan Lbr Mills Bellingham Wash
Bloedel Donovan Lbr Mills Skykomish Wash
Bloedel Stewart & Welch Ltd Vancouver B C
M T Brown Shingle Co Arlington Wash
Butler McDougall Mfg Co Ltd Vancouver B C
Canadian Western Lbr Co Ltd Fraser Mills B C
Capilano Shingle Co Ltd Vancouver B C
Central Div Co & Weatherseal Shingle Panels 221 N La Salle Chgo 1 Ill
Joseph Chew Shingle Co Ltd Vancouver B C
A F Coats Lbr Co Tillamook Ore
Corbett Mill Co Anacortes Wash
Crescent Shingle Co Kelso Wash
De Witt Shingle Co Everett Wash
Eatonville Lbr Co Eatonville Wash
Fluhrer Bros Astoria Ore
Forks Shingle Co Forks Wash
Gilfillan Shingle Co Kernville Ore
Gray Lbr & Shingle Co Seattle Wash
Robert Gray Shingle Co Hoquiam Wash
Hammond Cedar Co Ltd Hammond B C
Homalko Logging Co Ltd Vancouver B C
Horne Bros Shingle Co Ltd No Vancouver B C
Horton Cedar Mfg Co Ltd Victoria B C
C Howard Shingle Mill Arlington Wash
Wm Hulbert Mill Co Everett Wash
Hunting-Merritt Shingle Co Ltd Vancouver B C
Jamison Lbr & Shingle Co Everett Wash
B H Jones Shingle Co Montborne Wash
Thomas Kirkpatrick Estate Vancouver B C
Lake Pleasant Shingle Co Beaver Wash
Lake Stevens Shingle Co Granite Falls Wash
Leybold-Smith Shingle Co Tacoma Wash
Long Bell Lbr Co Longview Wash
Mackie Mill Co Markham Wash
Marona Mill Co Acme Wash
McCarter Shingle Co 2418 Rock Bay Av Victoria BC Canada
McMaster Lbr & Shingle Co Marysville Wash
Robt McNair Shingle Co Ltd Vancouver B C
Meeker Cedar Prod Ltd Mission City B C
Miller & Sons Bellingham Wash
Mt Pleasant Shingle Co Pt Angeles Wash
Newberg Shingle Co Lacomb Ore
Northwest Cedar Products Ltd Foot of Kerr Rd Vancouver B C
Pacific Timber Co Everett Wash
Peters Shingle Co Chehalis Wash
W Peterson Shingle Co Aberdeen Wash
C S Phillips Shingle Co Concrete Wash
Phoenix Shingle Co Seattle Wash
Pioneer Shingle Co Anacortes Wash
Polson Lbr & Shingle Mills Hoquiam Wash
Port Dock Shingle Mill Kalama Wash
Quality Shingle Co Edmonds Wash
Rainier Mill Co Rainier Ore
Red Cedar Shingle Bureau 5508 White Bldg Seattle 1 Wash (60)
Riverside Shingle Mills Ltd New Westminster B C
Roeser Bros Port Angeles Wash
Rowe Shingle Co Grayland Wash
Saginaw Timber Co Aberdeen Wash
Seattle Cedar Lbr Mfg Co Seattle Wash
S & H Shingle Co Startup Wash
Skalley-Setright Shingle Co Everett Wash
M R Smith Lbr & Shingle Co Beaver Wash
M R Smith Lbr & Shingle Co Mineral Wash
M R Smith Lbr & Shingle Co Moclips Wash
Stave Lake Cedar Ltd Dewdney B C
The Super Shingle Co 14th St Dock Everett Wash
Thurston-Flavelle Ltd Port Moody B C (118)
Twin Harbors Lbr Co Raymond Wash (153)
Wallace Lbr & Shingle Co Sultan Wash
Washington Shingle Co Anacortes Wash
Wayland Mill Co Seattle Wash
Willapa Shingle Co Raymond Wash
Woods Creek Shingle Co Sedro Woolley Wash

SHUTTERS—window & door, wood

Anson & Gilkey Co Merrill Wis
Carr Adams & Collier Co Dubuque Ia (51)
Cole Mfg Co Memphis Tenn
Curtis Companies Inc Clinton Ia (27)
Farley & Loetscher Mfg Co Dubuque Ia
Gregg & Son Nashua N H (117)
Huttig Mfg Co Muscatine Ia (108-109)
Huttig Sash & Door Co St Louis Mo
Ideal Co Box 889 Waco Tex
Marquart Millwork Co Oshkosh Wis
Morgan Co Oshkosh Wis
Pacific Mutual Door Co Tacoma Wash (206)
J R Quigley Co Gloucester City N J
Roach & Musser Co Muscatine Ia (74)
West Coast Screen Co Los Angeles 1 Cal

SIDING—asbestos cement

Barrett Div Allied Chemical & Dye Corp 40 Rector St NY NY
Philip Carey Mfg Co Cincinnati 15 O (65)
Flintkote Co 30 Rockefeller Plaza N Y NY (73)
Johns-Manville Corp 22 E 40th NY 16 NY
Keasbey & Mattison Co Ambler Pa
Lehon Co 4425 S Oakley Av Chgo Ill
Natl Mfg Corp Tonawanda N Y
B F Nelson Mfg Co Minneapolis Minn
The Ruberoid Co 500 Fifth Av NY 18 NY (83)
Standard Asbestos Mfg Co 822 W Lake Chgo Ill
U S Gypsum Co 300 W Adams Chgo Ill (59)

SIDING—asphalt, brick pattern insulating

Barrett Div Allied Chemical & Dye Corp 40 Rector NY NY
Bird & Son Inc (East Walpole Mass (30-31)
Celotex Corp 120 S LaSalle Chgo Ill (10)
Central Div Co & Weatherseal Shingle Panels 221 N La Salle Chgo 1 Ill
Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
Johns-Manville Corp 22 E 40th NY 16 NY
Jones & Brown Inc Pittsburgh 22 Pa
The Ruberoid Co 500 Fifth Av N Y 18 NY (83)
U S Gypsum Co 300 W Adams Chgo 6 Ill (59)
Wheeling Corrugating Co Wheeling W Va (34)

SIDING—asphalt, laminated rigid

Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
Johns-Manville Corp 22 E 40th NY 16 NY
Natl Mfg Corp Tonawanda N Y

SIDING—asphalt, mineral surfaced

American Asphalt Roof Corp Kan City Mo
Barrett Div Allied Chemical & Dye Corp 40 Rector NY NY
Bird & Son Inc East Walpole Mass (30-31)
Celotex Corp 120 S La Salle Chgo Ill (10)
Flintkote Co 30 Rockefeller Plaza NY NY (73)
Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
Johns-Manville Corp 22 E 40th NY 16 NY
The Lehon Co 4425 S Oakley Chgo Ill
B F Nelson Mfg Co Minneapolis Minn
The Ruberoid Co 500 Fifth Av N Y 18 NY (83)

SIDING—asphalt, roll brick pattern

American Asphalt Roof Corp Kansas City Mo
Barrett Div Allied Chemical & Dye Corp 40 Rector NY NY
Bird & Son Inc East Walpole Mass (30-31)
Celotex Corp 120 S LaSalle Chgo Ill (10)
Central Div Co & Weatherseal Shingle Panels 221 N La Salle Chgo 1 Ill
Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
Johns-Manville Corp 22 E 40th NY 16 NY
The Lehon Co 4425 S Oakley Chgo Ill
Natl Mfg Corp Tonawanda N Y
B F Nelson Mfg Co Minneapolis Minn
The Ruberoid Co 500 Fifth Av N Y 18 NY (83)
U S Gypsum Co 300 W Adams Chgo 6 Ill (59)

SIDING—asphalt, stone pattern insulated

Barrett Div Allied Chemical & Dye Corp 40 Rector NY NY
Central Div Co & Weatherseal Shingle Panels 221 N La Salle Chgo 1 Ill
Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
Jones & Brown Inc Pittsburgh Pa
B F Nelson Mfg Co Minneapolis Minn
The Ruberoid Co 500 Fifth Av N Y 18 NY (83)

SIDING—insulating shingle panels

Central Div Co & Weatherseal Shingle Panels 221 N La Salle Chgo 1 Ill
Johns-Manville Corp 22 E 40th NY 16 NY
B F Nelson Mfg Co Minneapolis Minn

SIDING—steel

American Rolling Mill Co Middletown O
American Steel & Wire Co Cleveland O (147)
W R Ames Co San Francisco Cal
Carnegie Ill Steel Corp Pittsburgh 30 Pa
Columbia Steel Co Russ Bldg San Fran 6 Cal (147)
Continental Steel Corp Kokomo Ind
The Edwards Mfg Co 427-477 Culvert Cincinnati Ohio
Houston Blow Pipe & Sheet Mtl Wks Houston Tex (28)
Inland Steel Co 38 S Dearborn Chgo 3 Ill
James Mfg Co Ft Atkinson Wis
Milcor Steel Co So 41st & W Burnham Milwaukee 4 Wis
Reeves Steel & Mfg Co Dover Ohio
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Jos T Ryerson & Sons Inc 2558 W 16th Chgo 8 Ill
St Paul Corrugating Co St Paul Minn
Tennessee Coal Iron & RR Co Birmingham 2 Ala (28)
Wheeling Corrugating Co Wheeling W Va (34)

SIDING CORNERS

American Asphalt Roof Corp Kansas City Mo
Central Div Co & Weatherseal Shingle Panels 221 N La Salle Chgo 1 Ill
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
F D Kees Mfg Co Beatrice Neb
Northwest Metal Prod Inc Seattle 4 Wash
Penn Supply & Metal Corp Philadelphia 22 Pa
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
The Ruberoid Co 500 Fifth Av N Y 18 NY (83)
St Paul Corrugating Co St Paul Minn
Sharon Hdwe Mfg Co Sharon Pa
Wheeling Corrugating Co Wheeling W Va (34)

SILOS

Acme Brick Co Ft Worth Texas
Angier Corp Framingham Mass
Craine Inc Norwich N Y
Economy Silo & Mfg Co Frederick Md
E S Gaynor Lbr Co Sioux City Iowa
Globe Silos Unadilla N Y
Harder Silo Co Inc Cobleskill N Y
Hubbard & Co 6301 Butler St Pittsburgh 1 Pa
Illinois Wire & Mfg Co Joliet Ill
Johnson & Carlson 848 W Eastman Chgo 22 Ill
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
Mattson Wire & Mfg Co Joliet Ill
Mott Lumber Co Red Creek N Y
Rowe Mfg Co Galesburg Ill
E F Schlichter Co Inc 16 S Broad Philadelphia 2 Pa
The Sisalkraft Co 205 W Wacker Dr Chgo 6 Ill (101)
Unadilla Silo Co Inc Unadilla N Y

SINKS—cabinet

Acme Metal Prod Corp 1845 W 74 Chgo 36 Ill
Auburn Central Mfg Connersville Ind
Boro Wood Prod Co Baspath L I N Y
Carr Adams & Collier Co Dubuque Ia (51)
Coppes Inc Nappanee Ind
Curtis Cos Inc Clinton Ia (27)
Edison Genl Elec Appliance Co Inc 5600 W Taylor Chgo Ill

Number in parenthesis indicates page on which advertisement appears

Elgin Stove & Oven Co Elgin Ill
Elkay Mfg Co 4703 W Arthington Chgo Ill
Ellwood Co Ellwood City Pa
Excel Metal Cabinet Co Inc 101 Park Av NY NY
General Elec Co Bridgeport Conn
Gold Seal Mfg Co 20 N Sangamon Chgo Ill
Harrison Steel Cabinet Co 4718 W 5th Chgo Ill
Ingram Richardson Mfg Co of Ind Inc Frankfort Ind
Kitchen Maid Corp Andrews Ind
Modern Steel Equip Co Geneva Ill
Morgan Co Oshkosh Wis
Morton Mfg Co 5105 W Lake Chgo Ill
Murphy Door Bed Co 19 W 44th NY NY
Parsons Co Detroit Mich
Frank C Snedaker & Co Inc Phil Pa
Tracy Mfg Co Pittsburgh Pa
United Metal Box Co 168—7th Brooklyn N Y
Westinghouse Elec & Mfg Co Pittsburgh Pa
Youngstown Pressed Steel Kitchens Youngstown O

SINKS—iron or steel, porcelain enamel

Briggs Mfg Co Detroit Mich
Crane Co 836 S Michigan Av Chgo Ill
Eljer Co Ford City Pa
Ellwood Co Ellwood City Pa
General Porcelain Enamel & Mfg Co 2700 N Karlov Av Chgo Ill
Ingram Richardson Mfg Co of Ind Inc Frankfort Ind
Richmond Radiator Co 835 Fifth Av NY 17 NY
Standard Sanitary Mfg Co Pittsburgh Pa
Universal Sanitary Mfg Co New Castle Pa

SINKS—stainless steel

Acme Metal Prod Corp 1845 W 74 Chgo 36 Ill
Elkay Mfg Co 4703 W Arthington Chgo Ill
Excel Metal Cabinet Co Jamestown NY
Houston Blow Pipe & Sheet Mtl Wks Houston Tex (28)
Modern Steel Equip Co Geneva Ill
Tracy Mfg Co Pittsburgh Pa
Zahner Mfg Co Kansas City Mo

SINKS—vitreous enameled

Crane Company 836 S Michigan Av Chgo Ill
Eljer Co Ford City Pa
Ellwood Co Ellwood City Pa
Gen'l Ceramics Co Metuchen N J
Kohler Co Kohler Wis
Universal Sanitary Mfg Co New Castle Pa

SOFTENERS—putty

Fletcher Terry Co Forestville Conn (98)
Glaziers Tool Mfg Corp 611 W Adams Chgo Ill

SOLDERS—liquid

So-Lo Wks Inc Loveland O

SOOT DESTROYER

G N Coughlan Co 29 Spring West Orange N J
Knack Co 1500 E Woodbridge Detroit 7 Mich (21)
Tamms-Silica Co 228 N La Salle Chgo 1 Ill

SPONGES

American Sponge & Chamois Co Inc 47 Ann St NY NY
Albert Bloch & Sons Inc 36 Walker New York 13 NY
Joseph Bloch Inc 51 Cliff NY NY
H L Ettman Sponge & Chamois Co St Louis Mo
Dan Malloy Co Philadelphia Pa
Gulf & West Indies Co 141 Water NY 5 NY
Nassau Sponge Co 124 W Kinzie Chgo 10 Ill
Robinson Sponge Co 1805 Atlantic Av Brooklyn N Y
Schroeder & Tremayne Inc 1711 Delmar Blvd St Louis 3 Mo
Tamms-Silica Co 228 N La Salle Chgo 1 Ill

SPRAY—stock

Agkem Inc Quincy Ill
Barrett Div Allied Chem & Dye Corp 40 Rector St NY NY
Carbola Chemical Co Natural Bridge N Y
Chemical Supply Co 225 Plymouth Bldg Cleveland 15 Ohio
Colorado Paint Co 3551 Blake Denver 5 Colo
Gulf Refining Co Pittsburgh 30 Pa
Pennsylvania Salt Mfg Co Philadelphia Pa
Sherwin-Williams Co Cleveland O (309)
Standard Oil Co of Ind 910 S Michigan Av Chgo Ill

SPRINGS—door

Accurate Spring Mfg Co 3311 W Lake Chgo Ill
American Steel & Wire Co Cleveland O (147)
Barnes Wallace Co Bristol Conn
Bommer Spring Hinge Co 263 Classon Av Brooklyn N Y
Champion Hdwe Co Geneva O
Chicago Spring Hinge Co 1500 Carroll Av Chgo Ill
Cleveland Lock Wks Div Consolidated Iron Steel Mfg Co 1283 E 53rd Cleveland 14 Ohio (96)
Cleveland Wire Spring Co 5250 Brookpark Road Cleveland 9 Ohio
P & F Corbin New Britain Conn
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
M D Hubbard Spring Co Pontiac Mich
Lawrence Bros Sterling Ill
Milwaukee Stamping Co Milwaukee 14 Wis
Natl Mfg Co Sterling Ill
Russell & Erwin Mfg Co New Britain Conn (181)
Sargent & Co New Haven Conn
Shelby Spring Hinge Co Shelby O
The Stanley Wks New Britain Conn (87)
Washburn Co Worcester Mass
Wickwire Spencer Steel Co 500 5 Av NY 18 NY (58)

SQUEEGEES

De Hymel Mfg Co Ltd Pasadena Cal
W J Dennis Co 1732 N Kolmar Av Chgo Ill
A F Dormeyer Mfg Co 4316 N Kilpatrick Av Chgo Ill
W E Kautenberg Co Freeport Ill
Mechanical Supplies Co 6702 Perry Av Chgo Ill
Osborn Mfg Co Cleveland O

STACKERS—automatic lumber

American Mfg Co Inc 2119 Pacific Av Tacoma 2 Wash (218)
The Filer & Stowell Co Milwaukee 7 Wis
Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)
Hyster Co Portland 8 Ore

STAIN—concrete

Blue River Talc Co Inc Henry Va
Samuel Cabot Inc 141 Milk St Boston 9 Mass (98)
Ceresit Waterproofing Corp 512 S Canal Chgo Ill
Globe Paint Wks Inc 202-208 Market Williamsport 5 Pa
A C Horn Co 43-36 Tenth Long Island City N Y
Mineral Pigments Corp Muirkirk Md
Pecora Paint Co Philadelphia Pa
J Lee Smith & Co Inc 19 Jacob NY NY
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
C K Williams & Co Easton Pa

STAIN—shingle

American Marietta Co 43 E Ohio Chgo 11 Ill
American Stained Shingle Co Columbus 8 O
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Baker Paint & Varnish Co Jersey City N J
Barrett Div Allied Chem & Dye Corp 40 Rector St NY NY
Boston Varnish Co Boston 49 Mass (33)
Breinig Brothers Inc 1st & Harrison Hoboken N J
Samuel Cabot Inc 141 Milk St Boston 9 Mass (98)
Carbolineum Wood Preserving Co 528 W Highland Milwaukee 3 Wis
Chi-Namel Paint & Varnish Co Minneapolis Minn
Colorado Paint Co 3551 Blake Denver 5 Colo
Colonial Stained Shingle Co St Paul Minn
Creo-Dipt Co Inc North Tonawanda N Y (96)
Devoe & Raynolds Co Inc 787 First Av NY 17 NY (44-45)
Farwell Ozmun Kirk & Co St Paul 1 Minn
Felton Sibley & Co Inc 136 N 4th Philadelphia 6 Pa
The Foy Paint Co Inc Cincinnati 12 Ohio
W P Fuller & Co 301 Mission San Fran 19 Cal
Glidden Co Cleveland Ohio (12-13)
Globe Paint Wks Inc 202-208 Market Williamsport 5 Pa
Grand Rapids Varnish Corp 565 Godfrey Av S W Grand Rapids 2 Mich
Great Lakes Varnish Wks Inc 2215 N Pulaski Chgo Ill
A C Horn Co 43-36 Tenth Long Island City N Y
Jewel Paint & Varnish Co 345 N Western Av Chgo Ill
The R F Johnston Paint Co Cincinnati 12 Ohio
Lowe Bros Co Dayton O (61)
The Marietta Paint & Color Co Marietta Ohio
Murphy Finishes Corp 224 McWhorter Newark 1 NJ
O'Brien Varnish Co South Bend Ind (103)
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Peaslee-Gaulbert Paint & Varnish Co Louisville Ky
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
Pratt & Lambert Inc 75 Tonawanda Buffalo 7 NY
Reilly Tar & Chemical Corp Indianapolis 4 Ind
Republic Creosoting Co Indianapolis 4 Ind (196)
Sherwin-Williams Co Cleveland O (309)
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
Valentine & Co Inc 11 E 36th NY 16 NY
Vita-Var Corp Newark N J (310)
Wadsworth Howland & Co 141 Federal Boston Mass
Wood Preserver Co St Louis Mo
Wood Treating Chemicals Co St Louis Mo

STAIN—wood

American Marietta Co 43 E Ohio Chgo 11 Ill
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Baker Paint & Varnish Co Jersey City N J
Breinig Brothers Inc 1st & Harrison Hoboken N J
Samuel Cabot Inc 141 Milk St Boston 9 Mass (98)
Carbolineum Wood Preserving Co 528 W Highland Milwaukee 3 Wis
Chi-Namel Paint & Varnish Co Minneapolis Minn
Colorado Paint Co 3551 Blake Denver 5 Colo
Creo-Dipt Co Inc North Tonawanda N Y (96)
Farwell Ozmun Kirk & Co St Paul 1 Minn
W P Fuller & Co 301 Mission San Fran 19 Cal
Glidden Co Cleveland O (12-13)
Globe Paint Wks Inc 202-208 Market Williamsport 5 Pa
Grand Rapids Varnish Corp 565 Godfrey Av S W Grand Rapids 2 Mich
Great Lakes Varnish Wks Inc 2215 N Pulaski Chgo Ill
A C Horn Co 43-42 Tenth Long Island City 1 NY
Jewel Paint & Varnish Co 345 N Western Av Chgo Ill
Lowe Bros Dayton O (61)
The Marietta Paint & Color Co Marietta Ohio
Minwax Co Inc 11 W 42nd NY NY
Benjamin Moore & Co 511 Canal NY 13 NY
Murphy Finishes Corp 224 McWhorter Newark 1 NJ
O'Brien Varnish Co South Bend Ind (103)
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Peaslee-Gaulbert Paint & Varnish Co Louisville Ky

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Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
Pratt & Lambert Inc 75 Tonawanda Buffalo 7 NY
Reilly Tar & Chemical Corp Indianapolis 4 Ind
Republic Creosoting Co Indianapolis 4 Ind (196)
Sargent-Gerke Co Indianapolis 6 Ind
Sherwin-Williams Co Cleveland O (309)
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Tennessee Eastman Corp Kingsport Tenn (46)
Valentine & Co Inc 11 E 36 NY 16 NY
Vita-Var Corp Newark N J (310)
Wadsworth Howland & Co 141 Federal Boston Mass
Wood Treating Chemicals Co St Louis Mo

STAINED SHINGLES

American Stained Shingle Co Columbus 8 Ohio
Colonial Cedar Co 3510 6th Av W Seattle
Creo-Dipt Co Inc North Tonawanda N Y (96)
Weyerhaeuser Sales Co St Paul Minn

STAIRS—disappearing

Bessler Disappearing Stairway Co Akron O
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Farley & Loetscher Mfg Co Dubuque Ia
Frazier Inc Pittsburgh Pa
Marschke Co St Paul Minn

STAIRWAYS—steel

Harrison Steel Cabinet Co 4718 W 5th Chgo Ill
Houston Blow Pipe & Sheet Mtl Wks Houston Tex (28)
Logan Co Inc Louisville 6 Ky
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
Wheeling Corrugating Co Wheeling W Va (34)

STAIRWORK—wood

Carr Adams & Collier Co Dubuque Iowa (51)
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Corbett Cabinet Mfg Co St Marys Pa
Farley & Loetscher Mfg Co Dubuque Iowa
M & M Woodworking Co Portland Ore
Radford & Sanders Inc Baltimore Md
Segelke & Kohlhaus Co La Crosse Wis
Weyerhaeuser Sales Co St Paul Minn

STAPLERS

Acme Staple Co Camden N J
Bostitch Inc East Greenwich R I
Markwell Mfg Co Inc 200 Hudson NY 13 NY (94)
Saranac Machine Co Benton Harbor Mich

STAPLES—wire

Acme Staple Co Camden N J
American Steel & Wire Co Cleveland O (147)
Atlantic Steel Co Atlanta Ga
Atlas Tack Corp Fairhaven Mass
Bostitch Inc East Greenwich R I
Bethlehem Steel Co Bethlehem Pa
Colorado Fuel & Iron Corp Denver Colo
Columbia Steel Co Russ Bldg San Fran 6 Cal (147)
Continental Steel Corp Kokomo Ind
Copperweld Steel Co Glasport Pa
Fastener Corp 860 Fletcher Chgo 14 Ill
Frantz Mfg Co Sterling Ill (74)
Hubbard & Co 6301 Butler St Pittsburgh 1 Pa
Independent Nail & Packing Co Bridgewater Mass
Indiana Steel & Wire Co Muncie Ind
Jones & Laughlin Steel Corp Pittsburgh Pa
Joslyn Mfg & Supply Co 20 N Wacker Dr Chgo Ill
Keystone Steel & Wire Co Peoria Ill
Markwell Mfg Co Inc 200 Hudson NY NY (94)
Mid-States Steel & Wire Co Crawfordsville Ind
Natl Screw & Mfg Co Cleveland O
Northwestern Steel & Wire Co Sterling Ill
Pittsburgh Steel Co Pittsburgh Pa
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Sargent & Co New Haven Conn
Sheffield Steel Corp Kansas City Mo
Shelton Tack Co 103 Canal Shelton Conn
E H Titchener & Co Binghamton N Y
Wheeling Corrugating Co Wheeling W Va (34)
Wickwire Spencer Steel Co 500 5 Av NY NY (58)
Youngstown Steel Prods Co Youngstown O

STEEL WOOL

American Steel Wool Mfg Co Inc 4224 Orchard Long Island City NY
Brillo Mfg Co 60 John St Brooklyn N Y Chgo Ill
Eagle Steel Wool Co 6201 W 65 Chgo Ill
International Steel Wool Corp Springfield Ohio
James H Rhodes & Co 157 W Hubbard St Chgo Ill
Williams Co London O

STOKERS—coal, automatic

American Eng Co Philadelphia 25 Pa
Brownell Co Dayton 1 O
Excelsior Stove & Mfg Co Quincy Ill
Fairbanks Morse & Co 600 S Michigan Av Chgo Ill (24)
Iron Fireman Co 3170 W 106 Cleveland 11 Ohio
Kol-Master Corp Oregon Ill
U S Machine Co Lebanon Ind
Westinghouse Elec & Mfg Co 306 Fourth Av Pittsburgh 30 Pa

STOPS—door

Barrows Lock Wks Div of The Yale & Towne Mfg Co No Chgo Ill
Bommer Spring Hinge Co 263 Classon Av Brooklyn 5 N Y
Champion Hdwe Co Geneva O
P & F Corbin New Britain Conn
Farley & Loetscher Mfg Co Dubuque Iowa
Frantz Mfg Co Sterling Ill (74)
H S Getty & Co Inc Philadelphia Pa
Lockwood Hdwe Mfg Co Fitchburg Mass
Natl Mfg Co Sterling Ill
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Penn Hdwe Co Reading Pa.
Phoenix Hdwe Mfg Co Buffalo N Y
Reading Hdw Corp Reading Pa
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
Richards-Wilcox Mfg Co Aurora Ill
Safe Padlock & Hdwe Co Lancaster Pa
Sager Lock Wks of Yale & Towne Mfg Co No Chgo Ill
Sargent & Co New Haven Conn
Sharon Hdwe Mfg Co Sharon Pa
Shelby Metal Products Co Shelby O
Shelby Spring Hinge Co Shelby O
Starline Inc Harvard Ill
Superior Fastener Corp 2949 Elston Av Chgo Ill
Yale & Towne Mfg Co Stamford Conn

STOVES—brooder

Buckeye Incubator Co Springfield O
Excelsior Stove & Mfg Co Quincy Ill
Harder Silo Co Cobleskill N Y
James Mfg Co Ft Atkinson Wis
Lyon Rural Electric Co San Diego 12 Cal
Queen Stove Wks Inc Albert Lea Minn
Simplex Brooder Stove Co Grand Rapids Mich
Starline Inc Harvard Ill

STOVES—camp, gasoline, pressure

American Gas Mach Co Inc Albert Lea Minn
Coleman Lamp & Stove Co Wichita 1 Kan
Excelsior Stove & Mfg Co Quincy Ill
Hamlin Metal Prod Co Inc Akron O
Majestic Mfg Co St Louis Mo
Prentiss Waber Prod Co Wisconsin Rapids Wis
Quad Stove Mfg Co Columbus O
Turner Brass Wks Syracuse Ill
Union Steel Prod Co Albion Mich

STOVES—oil

Excelsior Stove & Mfg Co Quincy Ill
A J Lindemann & Hoverson Co 601 W Cleveland Av Milwaukee 7 Wis

STRAIGHT EDGES

Advance Equipment Mfg Co 4617 W Chgo Ave Chicago Ill
E C Atkins & Co Indianapolis 9 Ind
Brown & Sharpe Mfg Co Providence R I
Covel Hanchett Co Big Rapids Mich
Henry Disston & Sons Inc Tacony Philadelphia 35 Pa
Keuffel & Esser Co Hoboken N J
Peck Stow & Wilcox Co Southington Conn
Ridgely Trimmer Co Springfield O
Simonds Saw & Steel Co Fitchburg Mass (189)
L S Starrett Co Athol Mass
Warner Mfg Co 801 16th Av SE Minneapolis 14 Minn

STRAINER—down pipe

Brown & Sharpe Mfg Co 235 Promenade St Providence 1 R I
Reeves Steel & Mfg Co Dover Ohio
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
St Paul Corrugating Co St Paul Minn
U S Cistern Filter Mfg Co Bloomington Ill

STRAP APPLYING EQUIPMENT

Acme Steel Co 2840 S Archer Chgo 8 Ill
Brainard Steel Corp Warren Ohio
Gerrard Steel Strapping Co 2915 W 47th Chgo Ill
Signode Steel Strapping Co 2635 N Western Av Chgo Ill

STRAPPING—steel

Acme Steel Co 2840 S Archer Chgo 8 Ill
Brainard Steel Corp Warren Ohio
John A Roebling's Sons Co Trenton N J
Signode Steel Strapping Co 2635 N Western Av Chgo Ill
The Stanley Wks New Britain Conn (87)

STUCCO

E D Coddington Mfg Co Milwaukee 9 Wis
Louisville Cement Co Inc 315 Guthrie Louisville 2 Ky
Ohio Hydrate & Supply Co Woodville O
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
U S Gypsum Co 300 W Adams Chgo Ill (59)
Woodville Lime Prod Co Toledo O

SUNDIALS—cast bronze

Adams Co Dubuque Ia
Colonial Brass Co Middleboro Mass
Erce Mfg Co 4010 W Montrose Av Chgo Ill
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Turner Brass Wks Sycamore Ill

SURVEYS—logging, land

C V Clarke Jackson Miss
George Drolet Tuscaloosa Ala
Thomas F Grayson Prescott 5 Ark
The James Lacey Company 231 S La Salle St Chgo 4 Ill
Lemieux Bros Inc 410 Maritime Bldg New Orleans 12 La
H M Spain & Co Commerce Title Bldg Memphis Tenn

SURVEYS—timber growth

C V Clarke Jackson Miss
George Drolet Tuscaloosa Ala
Thomas F Grayson Prescott 5 Ark
The James Lacey Company 231 S La Salle St Chgo 4 Ill
Lemieux Bros Inc 410 Maritime Bldg New Orleans 12 La
H M Spain & Co Commerce Title Bldg Memphis Tenn

SWINGTABLES—lumber

Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)
Standard Dry Kiln Co P O Box 541 Indianapolis Ind

TABLE TOPS—drafting

American Plywood Corp New London Wis (213)
Eugene Dietzgen 2425 N Sheffield Chgo Ill
Keuffel & Esser Co Hoboken N J
Frederick Post Co 155 E Ohio Chgo Ill
H E Smith Co Adrian Mich

Number in parenthesis indicates page on which advertisement appears

TABLE TOPS—enameled

American Plywood Corp New London Wis (213)
Barclay Mfg Co 385 Gerard Av Bronx NY
Enamel Prod Co Cleveland O
Ingram Richardson Mfg Co of Ind Inc Frankfort Ind
Marsh Wall Prod Inc Dover O (75)
Tennessee Enamel Mfg Co Nashville Tenn
Vitreous Steel Prod Co Cleveland O

TABLES—card

Adirondack Chair Co 1140 Broadway NY NY
Alexander Bros Philadelphia Pa Ala
Bridge Tables & Novelties Inc Lowell Mass
Gold Medal Folding Furn Co Racine Wis
Harrison Steel Cabinet Co 4718 W 5th Chgo Ill
Lyons Metal Prod Inc Aurora Ill
Louis Rastetter & Sons Ft Wayne Ind
Readsboro Chair Co Readsboro Vt
Tucker Duck & Rubber Co Ft Smith Ark

TABLES—display

W C Heller & Co 539 N Clark St Montpelier Ohio
Lyon Metal Prod Inc Aurora Ill
Reflector Hdwe Corp Western Av & 22nd Pl Chgo Ill
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
J D Warren Mfg Co Montpelier O

TABLES—kitchen

Austell Cabinet Co Austell Ga
Gold Seal Mfg Co 20 N Sangamon Chgo Ill
Ingram - Richardson Mfg Co Beaver Falls Pa
I-X-L Furniture Co Inc Goshen Ind
Mutschler Bros Co Nappanee Ind
G I Sellers & Sons Elwood Ind

TACKERS—automatic

Acme Staple Co Camden N J
Bostitch Inc East Greenwich R I
Fastener Corp 860 Fletcher Chgo 14 Ill
A L Hansen Mfg Co 5037 N Ravenswood Chgo Ill
Markwell Mfg Co Inc 200 Hudson NY 13 NY (94)

TACKERS—hammer

Bostitch Inc East Greenwich R I
Fairmont Tool & Forging Co 10611 Quincy Av Cleveland Ohio
Fastener Corp 860 Fletcher Chgo 14 Ill
C S Osborne & Co Harrison N J
The Stanley Wks New Britain Conn (87)

TACKS

American Steel & Wire Co Cleveland O (147)
Chase Brass & Copper Co Waterbury Conn
Clendenin Bros Baltimore Md
Columbia Steel Co Russ Bldg San Fran 6 Cal (147)
W W Cross & Co Inc East Jaffrey N H
Hampden Mfg Co Inc Plainfield N J
Hillwood Mfg Co Cleveland O
Holland Mfg Co Baltimore Md
National Screw & Mfg Co Cleveland O
Shelton Tack Co 103 Canal Shelton Conn
Snell-Jones Tack Corp Brockton Mass

TACKS—thumb

Atlas Tack Corp Fairhaven Mass
Brewer-Titchener Corp Cortland N Y
Geo B Graff Co 54 Washburn Av Cambridge 40 Mass
Hampden Mfg Co Plainfield N J
Hillwood Mfg Co Cleveland O
Holland Mfg Co Baltimore Md
Robt E Miller Inc 35 Pearl NY NY
Moore Push-Pin Co Phil Pa
Turner & Seymour Mfg Co Torrington Conn
Waterbury Tack Co Inc 200 5 Av NY NY

TANKS—septic, clay

Cannelton Sewer Pipe Co Cannelton Ind
S R Dee Bloomingdale Ind
Denver Sewer Pipe & Clay Co Denver 1 Colo
W S Dickey Clay Mfg Co Kan City Mo
Gladding-McBean & Co San Francisco Cal
Laclede-Christy Clay Products Co St Louis Mo
Lehigh Sewer Pipe & Tile Co Ft Dodge Ia
Owensboro Sewer Pipe Co Inc Owensboro Ky
Robinson Clay Prod Co Akron O

TANKS—septic, concrete

Graystone Concrete Prod Co 134 Nickerson St Seattle 9 Wash

TANKS—septic, steel

Beall Pipe & Tank Corp Portland Ore
W E Caldwell Co Louisville 8 Ky
Dempster Mill Mfg Co Beatrice Neb
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Ingalls Iron Wks Co Birmingham Ala
Richmond Engineering Co Richmond Va
Stover Steel Tank & Mfg Co Freeport Ill

TANKS—septic, wood

W E Caldwell Co Louisville 8 Ky
California Redwood Distributors Ltd 35 E Wacker Dr Chgo Ill
Fleishel Lbr Co 4235 Duncan Av St Louis 10 Mo (90)
Johnson & Carlson 848 W Eastman Chgo Ill
Pacific Lbr Co San Francisco Cal
Uniflow Mfg Co Erie Pa
Union Lbr Co San Francisco Cal
Weyerhaeuser Sales Co St Paul Minn

TANKS—steel stock & storage

Beall Pipe & Tank Corp Portland Ore
W E Caldwell Co Louisville 8 Ky
Connecticut Blower Co P O Box 884 Hartford 1 Conn
Dempster Mill Mfg Co Beatrice Neb
The Edwards Mfg Co 427-477 Culvert Cincinnati Ohio
Farwell Ozmun Kirk & Co St Paul 1 Minn
Flint & Walling Mfg Co Kendallville Ind
Houston Blow Pipe & Sht Met Wks Houston Tex (28)
H D Hudson Mfg Co 589 E Illinois Chgo Ill
Midwest Steel Prod Co Kan City Mo
Oakes Mfg Co Tipton Ind
Stover Steel Tank & Mfg Co Freeport Ill

TANKS—wood stock & storage

Arrow Tank Co Buffalo N Y
Atlantic Tank Corp Bergen N J
Atlas Tank Mfg Co San Francisco Cal
Baltimore Cooperage Tank & Tower Co Baltimore Md
Breyer Bros Whiting & Co Waupun Wis
Butler Mfg Co Kan City Mo
W E Caldwell Co Inc Louisville Ky
California Redwood Distributors Ltd 35 E Wacker Dr Chgo Ill
Challenge Co Batavia Ill
Dempster Mill Mfg Co Beatrice Neb
Fleishel Lbr Co 4235 Duncan Av St Louis 10 Mo (90)
Flint & Walling Mfg Co Kendallville Ind
James Mfg Co Ft Atkinson Wis
Johnson & Carlson 848 W Eastman Chgo 22 Ill
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
New England Tank & Tower Co Everett Mass
Pacific Wood Tank Corp San Fran Cal
E F Schlichter Co Inc 16 S Broad Philadelphia 2 Pa
Union Lumber Co San Francisco Cal

TAPE—friction

Continental Rubber Wks Co Erie Pa
Firestone Tire & Rubber Co Akron O
General Elec Co Bridgeport Conn
Goodyear Tire & Rubber Akron O
Johns-Manville Corp 22 E 40th NY 16 NY
Miller Rubber Industrial Prod Div of The B F Goodrich Co Akron Ohio
Okonite Co Passaic N J
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Passaic Rubber Co Clifton N J
Plymouth Rubber Co Inc Canton Mass
The Ruberoid Co 500 Fifth Av NY 18 NY (83)
Sullivan & Sons Mfg Co Phil Pa
Superior Insulating Tape Co St Louis Mo
Union Rubber & Asbestos Co Trenton N J
United States Rubber Co 1230 5th Av NY NY
Van Cleef Bros 7800 Woodlawn Av Chgo Ill

TAPE—gummed

Atlantic Gummed Paper Corp 1 Main Brooklyn 1 N Y
Economy Novelty & Printing Co 325 W 39th NY NY
J E Fricke Co Phil Pa
Gummed Prod Co Troy O
Nashua Gummed & Coated Paper Co Nashua N H
Wortendyke Mfg Co Richmond Va

TAPES—measuring

Chicago Steel Tape Co 7956 S Chgo Av Chgo 17 Ill
Eugene Dietzgen Co 2425 N Sheffield Chgo Ill
Keuffel & Esser Co Hoboken N J
Lufkin Rule Co Saginaw Mich
Master Rule Mfg Co 817 E 136 NY NY
L S Starrett Co Athol Mass
Waterbury Lock & Specialty Co Milford Conn

TARPAULINS

Bemis Bro Bag Co St Louis 2 Mo
Canvas Products Co 1240 So 7th St St Louis 4 Mo
Couch Bros Mfg Co East Point Ga
C R Daniels Inc 44 West NY NY
Fulton Bag & Cotton Mills Atlanta 1 Ga (217)
W E Hettrick & Son Co Toledo Ohio
J W Johnson Co 1231 Macedonia Chgo Ill
Newark Ladder & Bracket Sales Co Inc 657 S 13th Newark 3 NJ
New York Drop Cloth Mfg Co Inc Borden Av & 21 Long Island City N Y
Wm W Stanley Co Inc 401 Broadway NY NY
Tucker Duck & Rubber Co Ft Smith Ark
U S Tent & Awning Co 2315 W Huron Chgo Ill
H Wenzel Tent & Duck Co St Louis Mo
Werner Canvas Prod Co 607 Bergen Brooklyn N Y

TERMITE CONTROL

Abesto Mfg Co Michigan City Ind (208)
American Lbr & Treating Co Chgo Ill (66)
E L Bruce Co Memphis Tenn (9)
Carbolineum Wood Preserving Co 528 W Highland Milwaukee 3 Wis
Cre-o-Tox Chemical Prods Co Memphis Tenn (84)
E I DuPont de Nemours & Co Inc Wilmington Del
Ira Parker & Sons Co Oshkosh Wis
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Phelan-Faust Paint Mfg Co St Louis 11 Mo
Protexol Corp Kenilworth N J (211)
Reilly Tar & Chemical Corp Indianapolis 4 Ind
Republic Creosoting Co Indianapolis 4 Ind (196)
L Sonneborn Sons Inc 88 Lexington NY NY (100)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Tennessee Eastman Corp Kingsport Tenn (46)
Wood Preserving Co St Louis Mo
Wood Treating Chemicals Co St Louis Mo
Zinsser & Co Inc Hastings-on-Hudson N Y

TERNE PLATES

American Rolling Mill Co Middletown O
Bethlehem Steel Co Bethlehem Pa
Carnegie Ill Steel Corp Pittsburgh Pa
The Edwards Mfg Co 427-477 Culvert Cincinnati Ohio
Inland Steel Co 38 S Dearborn Chgo 3 Ill
McKeesport Tin Plate Corp McKeesport Pa
Northwest Metal Prod Inc Seattle 4 Wash
Republic Steel Corp Cleveland O

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Superior Sheet Steel Co Canton O
Tennessee Coal Iron & RR Co Birmingham Ala (147)
Wheeling Corrugating Co Wheeling W Va (34)
Wheeling Steel Corp Wheeling W Va
Youngstown Sheet & Tube Youngstown O

THINNER—paint

Acme White Lead & Color Wks 8250 St Aubin Av Detroit 11 Mich
American Marietta Co 43 E Ohio Chgo 11 Ill
Calbar Paint & Varnish Co Phil Pa
Devoe & Raynolds Co Inc 787 1st Av NY 17 NY (44-45)
Glidden Co Cleveland O (12-13)
A C Horn Co 43-36 Tenth Long Island City N Y
W W Lawrence & Co 1124 W Carson Pittsburgh 19 Pa
Lowe Bros Co Dayton O (61)
The Neville Co Neville Island Pittsburgh 25 Pa
Peaslee-Gaulbert Paint & Varnish Co Louisville Ky
Pittsburgh Plate Glass Co Pittsburgh Pa (204)
Pratt & Lambert Inc 75 Tonawanda Buffalo 7 NY
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Wadsworth Howland & Co 141 Federal Boston Mass

THRESHOLDS—metal

Adams Co Dubuque Ia
Allmetal Weatherstrip Co 229 W Ohio Chgo Ill
American Brass Co Waterbury Conn
American Mason Safety Tread Co Lowell Mass
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Calbar Paint & Varnish Co 2612 N Martha Phil 25 Pa
Chase Brass & Copper Co Waterbury Conn
Chi-Namel Paint & Varnish Co Minneapolis Minn
P & F Corbin Co New Britain Conn
W J Dennis & Co 1732 N Kolmar Chgo Ill
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
General Bronze Corp 34-19 10th Long Island City N Y
H S Getty & Co Inc Phil Pa
Imperial Brass Mfg Co 1200 W Harrison Chgo Ill
Kawneer Co Niles Mich
Logan Co Louisville Ky
Macklanburg - Duncan Co Oklahoma City (97)
Majestic Co Huntington Ind
Marion Mach Fdry & Supply Co Marion Ind
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Protex Weatherstrip Mfg Co 4500 S Western Chgo Ill (11)
Revere Copper & Brass Co 2200 N Natchez Chgo Ill
Oscar Rixson Co 4450 W Carroll Chgo Ill
Safe Tread Co Inc 30 Vesey NY 7 NY
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
Turner Brass Wks Sycamore Ill
R D Werner Co Inc 380 2 Av NY NY
Wooster Prod Inc Wooster O
Youngstown Manufacturing Inc 66 S Prospect Youngstown 6 Ohio

THRESHOLDS—wood

SEE LUMBER CLASSIFICATION BEGINNING PAGE 282

TIES—bale

Acme Steel Co 2838 Archer Chgo Ill
American Steel & Wire Co Cleveland O (147)
Bethlehem Steel Co Bethlehem Pa
Columbia Steel Co Russ Bld San Fran 6 Cal (147)
Continental Steel Corp Kokomo Ind
Keystone Steel & Wire Co Peoria Ill
Mid-States Steel & Wire Co Crawfordsville Ind
Northwestern Steel & Wire Co Sterling Ill
Pittsburgh Steel Co Pittsburgh Pa
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Sheffield Steel Corp Kansas City Mo
Shelby Wire Co Shelby O
The Stanley Wks New Britain Conn (87)
Tennessee Coal Iron & RR Co Birmingham Ala (147)
Wheeling Corrugating Co Wheeling W Va (34)
Wickwire Bros Cortland N Y (20)

TIES—concrete form

Bugenhagan Mfg Co Minneapolis Minn
Jeschke Wire & Specialty Co Crawfordsville Ind
M & M Wire Clamp Co 983-17th Av S E Minneapolis 14 Minn
Richmond Screw Anchor Co Inc 816 Liberty Brooklyn 8 N Y
Star Expansion Bolt Co 147 Cedar NY 6 NY
Universal Form Clamp Co 1238 N Kostner Chgo Ill
Williams Form Engineering Corp Grand Rapids Mich
Williams Wallace Co San Francisco Cal

TIES—wall

Adams Co Dubuque Ia
Alabama Metal Lath Co Birmingham 1 Ala
American Sheet Metal Wks New Orleans La
Beatrice Steel Tank Mfg Co Beatrice Neb
Chase Brass & Copper Co Waterbury Conn
Consolidated Expanded Metal Co Wheeling W Va
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Jeschke Wire & Specialty Co Crawfordsville Ind
F D Kees Mfg Co Beatrice Neb
Klauer Mfg Co Dubuque Ia
La Crosse Stl Roofing & Corrugating Co La Crosse Wis
Milcor Steel Co So 41st & W Burnham Milwaukee 4 Wis
Natl Gypsum Co Buffalo N Y (69)
New Orleans Roofing & Metal Co New Orleans La
Northwest Metal Prod Inc Seattle 4 Wash
J B Prescott & Son Webster Mass
Reeves Steel & Mfg Co Dover Ohio
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Southwest Hdwe Mfg Co Ft Smith Ark
Union Steel Prod Co Albion Mich
Wheeling Corrugating Co Wheeling W Va (34)

TILE—acoustical

Armstrong Cork Co Lancaster Pa
Celotex Corp 120 S LaSalle Chgo Ill (10)
Fir Tex Portland Ore
Industrials Inc Phil Pa
Insulite Minneapolis 2 Minn
Johns-Manville Corp 22 E 40th NY 16 NY
Masonite Corp 111 W Washington Chgo Ill
National Gypsum Co Buffalo N Y (69)
United Cork Companies Kearny N J
United States Gypsum Co 300 W Adams Chgo Ill (59)

TILE—board

Barclay Mfg Co 385 Gerard Av Bronx NY
Celotex Corp 120 S LaSalle Chgo Ill (10)
Gibbs Boardtile Corp 615 N Aberdeen Chgo Ill (100)
Insulite Minneapolis 2 Minn
Johns-Manville Corp 22 E 40th NY 16 NY
Natl Gypsum Co Buffalo N Y (69)
Marsh Wall Prod Inc Dover O (75)
Plastergon Wallboard Co 196 Philadelphia Av Buffalo 7 NY
Tylac Co Monticello Ill
U S Gypsum Co 300 W Adams Chgo 6 Ill (59)
Upson Co Lockport N Y (124)

TILE—clay, drain

Columbia Pipe Co Columbia S C
S R Dee Bloomingdale Ind
Denver Sewer Pipe & Clay Co Denver 1 Colo
Dennison Sewer Pipe Co Dennison Ohio
Lehigh Sewer Pipe & Tile Co Ft Dodge Ia
Owensboro Sewer Pipe Co Inc Owensboro Ky
Washington Brick & Lime Co Spokane 8 Wash

TILE—concrete drain

Graystone Concrete Prod Co 134 Nickerson St Seattle 9 Wash

TILE—floor, rubber

American Tile & Rubber Co Trenton N J
Armstrong Cork Co Lancaster Pa
Faulhaber Rubber Co Los Angeles Cal
Goodyear Tire & Rubber Co Inc Akron O
Hood Rubber Co Inc Watertown Mass
R C A Rubber Co Akron O
Servicised Prod Corp 6051 W 65th Chgo Ill
Tile-Tex Co Chgo Hgts Ill
Wright Rubber Prod Co Racine Wis

TILE—glazed

Denver Sewer Pipe & Clay Co Denver Colo
Lehigh Sewer Pipe & Tile Co Ft Dodge Ia
National Fireproofing Corp Pittsburgh Pa
Washington Brick & Lime Co Spokane 8 Wash

TILE—gypsum

Certain-teed Prod Corp 120 S La Salle Chgo Ill (25)
National Gypsum Co Buffalo N Y (69)
U S Gypsum Co 300 W Adams Chgo Ill (59)

TILE—hollow building

Acme Brick Co Ft Worth Tex
S R Dee Bloomingdale Ind
Denver Sewer Pipe & Clay Co Denver Colo
Gladding-McBean & Co San Francisco Cal
Graystone Concrete Prod Co 134 Nickerson St Seattle 9 Wash
Humboldt Brick & Tile Co Humboldt Ia
Owensboro Sewer Pipe Co Inc Owensboro Ky
Washington Brick & Lime Co Spokane 8 Wash

TIMBER APPRAISERS & ESTIMATORS

C V Clarke Jackson Miss
George Drolet Tuscaloosa Ala
Thos F Grayson Prescott 5 Ark
The James Lacey Company 231 S La Salle St Chgo 4 Ill
Lemieux Bros Inc 410 Maritime Bldg New Orleans 12 La
James W Sewall Old Town Me (220)
H M Spain & Co Commerce Title Bldg Memphis Tenn

TIME REVERSING SWITCH—dry kiln

Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)
Standard Dry Kiln Co P O Box 541 Indianapolis Ind

TOOLS—boring

Armstrong Bros Tool Company 300 N Francisco Av Chgo Ill
Circo Tool Co Milwaukee 5 Wis
E W Deuse Co Chester Conn
Flynn Mfg Co Detroit Mich
Gairing Tool Co Detroit Mich
John H Graham & Co Inc 105 Duane NY 8 NY
Greenlee Bros & Co Rockford Ill
Millers Falls Co Greenfield Mass
Pratt & Whitney West Hartford Conn
Precision Tool Co Bridgeport Conn
The Stanley Works New Britain Conn (87)

TOOLS—logging

American Logging Tool Co Evart Mich (104)
Joslyn Mfg & Supply Co 20 N Wacker Dr Chgo Ill
Skookum Co Inc Portland Ore
Young Iron Wks Seattle Wash

Number in parenthesis indicates page on which advertisement appears

TOOLS—painters' & paperhangers'

Advance Equipment Mfg Co 4617 W Chicago Av Chgo Ill
Lamson & Goodnow Mfg Co Shelburne Falls Mass
Murray-Black Co Springfield O
Pioneer Tool Co Inc Bloomfield N J
Red Devil Tools Irvington 11 NJ
Ridgely Trimmer Co Springfield O
Warner Mfg Co 801 16th Av SE Minneapolis 14 Minn
Wendell Mfg Co 4234 N Lincoln Av Chgo 18 Ill

TOOLS—plumbers'

Armstrong Bros Tool Co 300 N Francisco Av Chgo Ill
Armstrong Mfg Co Bridgeport Conn
Crane Company 836 S Michigan Av Chgo Ill
Delaware Tool Co Wilmington Del
Hood Bros Inc Phil Pa
William Johnson Inc Newark N J
Misener Mfg Co Inc Syracuse N Y
Oxford Tool Co Phil Pa
P & C Forged Tool Co Portland Ore
Plomb Tool Co Los Angeles Cal
Rainey Mfg Co Titusville Pa

TOOLS—split ring grooving

Circo Tool Co Milwaukee 5 Wis
Greenlee Bros & Co Rockford Ill
Misener Mfg Co Inc Syracuse N Y
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
Timber Engineering Co Washington D C

TORCHES—blow

Baumgarth Mfg Co 836 W Hubbard Chgo Ill
Otto Bernz Co Inc Rochester N Y
Clayton & Lambert Mfg. Co Detroit Mich
Detroit Torch & Mfg Co Detroit Mich
Geo W Diener Mfg Co 400 N Monticello Ave Chicago Ill
Everhot Mfg Co 57 S 19th Ave Maywood Ill
Hauck Mfg Co 126 10th Brooklyn N Y
Huffman Mfg Co Dayton Ohio
Justrite Mfg Co 2061 Southport Ave Chgo Ill
Prentiss Wabers Products Co Wisconsin Rapids Wis
Sandvik Saw & Tool Corp 47 Warren NY NY
The Turner Brass Wks Sycamore Ill
Unique Mfg Co Inc 221 Whiting Chgo Ill
Wall Mfg Supply Co Pittsburgh Pa

TRACTORS

Allis Chalmers Mfg Co Milwaukee Wis
Caterpillar Tractor Co Peoria Ill
Hansen Mach & Supply Co 820 Broadway Eureka Cal
International Harvester Co Inc 600 S Michigan Chgo Ill
Marmon Herrington Co Inc 1511 W Washington Indianapolis 7 Ind
Massey-Harris Co Racine Wis
The Oliver Corp Industrial Div 19300 Euclid Av Cleveland 17 Ohio
Elwell Parker Elec Co Cleveland Ohio
White Motor Co Cleveland Ohio

TRAILERS—commercial

Beall Pipe & Tank Corp Portland Ore
Fruehauf Trailer Co Detroit Mich
Kentworth Motor Truck Corp Seattle Wash
W C Nabors Co Mansfield La
Utility Trailer Mfg Co Los Angeles 34 Cal
Wentworth & Irwin Portland Ore

TRAILERS—logging

Beall Pipe & Tank Corp Portland Ore
Carter Mfg Co Memphis 2 Tenn
Electric Wheel Co Quincy Ill
Fruehauf Trailer Co Detroit Mich
International Harv Co 600 S Michigan Chgo Ill
W C Nabors Co Mansfield La
Page & Page Co 0605 S W Curry Portland 1 Ore
Pointer Willamette Co Portland Ore
Trailer Co of America Cincinnati O
Utility Trailer Wks Inc Montgomery 2 Ala
Wentworth & Irwin Portland Ore

TRAILERS—platform industrial

Beall Pipe & Tank Corp Portland Ore
Electric Wheel Co Quincy Ill
Howe Scale Co Rutland Vt
International Harv Co 600 S Michigan Chgo Ill
Mercury Mfg Co 4044 S Halsted Chgo Ill
Pointer Willamette Co Portland Ore
Trailer Co of America Cincinnati O
Whitehead & Kales Co Detroit Mich

TRANSITS—surveyors

Eugene Dietzgen Co 2425 N Sheffield Chgo Ill
L S Starrett Co Athol Mass
Warren Knight Co Philadelphia 7 Pa

TRAPS—electric for insects

Coburn One Wire Fence Whitewater Wis
Electric Screen Door Corp 216 N Clinton Chgo Ill
Gardner Mfg Co Horicon Wis
Lyon Rural Electric Co San Diego 12 Cal
National Elec Screen Corp 549 W Washington Chgo 6 Ill
Reynolds Electric Co 2650 W Congress Chgo Ill
Warner Electric Co Inc 215 W Ohio Chgo Ill

TRAPS—steam

Crane Company 836 S Michigan Chgo Ill
C A Dunham Company 450 E Ohio Chgo Ill
Grinnell Co Providence R I
Jas P Marsh Corp 600 S Michigan Chgo Ill
Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)
Standard Dry Kiln Co P O Box 541 Indianapolis Ind
Trane Co La Crosse Wis

TREADS—stair

Alan Wood Steel Co Conshohocken Pa (49)
Alan Wood Steel Co Conshohocken Pa
American Abrasive Metals Co Irvington N J
American Mason Safety Tread Co Lowell Mass
American Pressed Steel Co Phil Pa
Blaw Knox Co Pittsburgh Pa
Consolidated Expanded Metal Co Wheeling W Va
General Abrasive Co Inc Niagara Falls N Y
Harrison Steel Cabinet Co 4718 W 5th Chgo Ill
Inland Steel Co 38 S Dearborn Chgo 3 Ill
International Steel Co Evansville Ind
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Protex Weatherstrip Mfg Co 4500 S Western Chgo Ill (11)
Safe Tread Co Inc 30 Vesey NY 7 NY
So-Lo Works Inc Loveland Ohio
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
Trucson Steel Co Youngstown O
Wooster Products Inc Wooster O
Youngstown Manufacturing Inc 66 S Prospect Youngstown 6 Ohio

TREADS—wood

SEE LUMBER CLASSIFICATION BEGINNING PAGE 289

TRELLIS—wood

Concord Woodworking Co W Concord Mass.
Kinzua Pipe Mills Co Kinzua Ore (7)
Nashotah Moulding & Mfg Co Nashotah Wis
Rowe Mfg Co Galesburg Ill

TRIM SHAPES—extruded aluminum

Allmetal Weatherstrip Co 229 W Ohio Chgo Ill
Ford Metal Moulding Co 329 E 45th NY 17 NY (122)
Marsh Wall Prod Inc Dover Ohio (75)
S Parker Hdwe Mfg Co 27 Ludlo NY NY
Protex Weatherstrip Mfg Co 4500 S Western Chgo Ill (11)
R D Werner Co Inc 380 Second Ave NY 10 NY
Youngstown Manufacturing Inc 66 S Prospect Youngstown 6 Ohio

TRIM SHAPES—extruded plastic

Extruded Plastics Inc Norwalk Conn
Ford Metal Moulding Co 329 E 45th NY 17 NY Y (122)
Irvington Varnish & Insulator Co Irvington N J
Marsh Wall Prod Inc Dover Ohio (75)
Presstite Engineering 3900 Chouteau Av St Louis 10 Mo
R D Werner Co Inc 380 Second Ave NY 10 NY
Youngstown Manufacturing Inc 66 S Prospect Youngstown 6 Ohio

TRIM SHAPES—plastic

American Cabinet Hdwe Corp Rockford Ill (53)
Marsh Wall Prod Inc Dover Ohio (75)
Presstite Engineering 3900 Chouteau Av St Louis 10 Mo
Youngstown Manufacturing Inc 66 S Prospect Youngstown 6 Ohio

TROLLEYS—I-beam overhead

American Chain Div American Chain & Cable Co Bridgeport Conn
Chisholm Moore Hoist Corp Tonawanda N Y
Coffing Hoist Co Danville Ill
Industrial Brown Hoist Corp Bay City Mich
Jeffery Mfg Co Columbus O
Link Belt Company 307 N Michigan
Louden Mach Co Fairfield Iowa Chgo Ill
Richards-Wilcox Mfg Co Aurora Ill
Robbins & Myers Inc Springfield Ohio
David Round & Son Cleveland 5 Ohio
Jos T Ryerson & Sons Inc 2558 W 16th Chgo 8 Ill

TRUCK BODIES

Beall Pipe & Tank Corp Portland Ore
Carter Mfg Co Memphis 2 Tenn
E S Gaynor Sioux City 1 Iowa
Indiana Body Co 615-621 S H St Richmond Ind
Utility Trailer Mfg Co Los Angeles 34 Cal
Wentworth & Irwin Portland Ore

TRUCK BODIES—rolloff

Beall Pipe & Tank Corp Portland Ore
Carter Mfg Co Memphis 2 Tenn
The R B Company Kan City Mo (70)

TRUCK BODIES—steel dump

Anthony Co Inc Streator Ill
Beall Pipe & Tank Corp Portland Ore
Heil Co Milwaukee Wisc
Houston Blow Pipe & Sht Met Wks Houston Tex (28)
Kewanee Mfg Co Kewanee Ill
Perfection Steel Body Co Galion O
St Paul Hydraulic Hoist Co Minneapolis 14 Minn
Gar Wood Industries Inc Detroit Mich

TRUCK BODIES—wood cargo

Indiana Body Co 615-621 S H St Richmond Ind
Stoughton Cab & Body Co Stoughton, Wis
Wentworth & Irwin Portland Ore
Gar Wood Industries Inc Detroit Mich

TRUCK CABS

Indiana Body Co 615-621 S H St Richmond Ind

TRUCKS—dry kiln

American Car & Foundry Co 30 Church NY NY
Elwell-Parker Electric Co Cleveland O
The Filer & Stowell Co Milwaukee 7 Wis
Grand Rapids Vapor Kiln Inc Grand Rapids Mich
Hyster Co Portland 8 Ore
Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)
Standard Dry Kiln Co P O Box 541 Indianapolis Ind
Yale & Towne Mfg Co Phil Pa

Number in parenthesis indicates page on which advertisement appears

TRUCKS—hand

Fairbanks Co 393 Lafayette NY 3 NY
Howe Scale Co Rutland Vt
McKinney Mfg Co Pittsburgh Pa
Orangeville Mfg Co Orangeville, Pa
The Sabin Mach Co 6536 Carnegie Av Cleveland 3 Ohio
Yale & Towne Mfg Co Phil Pa

TRUCKS—heavy duty

Dodge Div Chrysler Corp Detroit Mich
Kenworth Motor Truck Corp Seattle Wash
Marmon Herrington Co Inc 1511 W Washington Indianapolis 7 Ind
Oshkosh Motor Truck Inc Oshkosh Wis
Peterbilt Motors Oakland Cal
Reo Motors Inc Lansing Mich
Sterling Motor Truck Co Inc Milwaukee 1 Wis
White Motor Co Cleveland Ohio
Willys-Overland Motors Inc Toledo 10 Ohio

TRUCKS—lift

Dallas Mach & Locomotive Wks Dallas Ore
Elwell Parker Elec Co Cleveland 14 Ohio
Fairbanks Co 393 Lafayette NY 3 NY
Hyster Co Portland 8 Ore
Ross Carrier Co Benton Harbor Mich (70)
Yale & Towne Mfg Co Phil Pa

TRUCKS—lift with crane

Elwell-Parker Elec Co Cleveland 14 O
Hyster Co Portland 8 Ore
Taylor's Machine Wks Louisville Miss (6)

TRUCKS—mill & factory

Buda Co Harvey Ill
Colson Co Elyria O
Elwell-Parker Elec Co Cleveland 14 O
Fairbanks Co 393 Lafayette NY 3 NY
Fibre Specialty Mfg Co Kennett Square Pa
Chas E Francis Co Huntington Ind
Hamilton Caster & Mfg Co Hamilton O
Howe Scale Co Rutland Vt
Hyster Co Portland 8 Ore
Lansing Co Lansing Mich
Lewis-Shepard Sales Corp Watertown Mass
Nutting Truck Co Faribault Minn
Ohio Galvanizing & Mfg Co Niles O
Rapids Standard Co Inc Grand Rapids 2 Mich
Service Caster & Truck Co Albion Mich
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
Tucker-Dorsey Mfg Corp Indianapolis Ind
Yale & Towne Mfg Co Phil Pa

TRUCKS—motor

Autocar Co Ardmore Pa
Brockway Motor Truck Corp Cortland N Y
Chevrolet Motor Co Detroit Mich (115)
Diamond T Motor Car Co 4517 W 26th Chgo Ill
Dodge Div Chrysler Corp Detroit Mich
Federal Motor Truck Co Detroit Mich
Ford Motor Co Dearborn Mich (15)
Four Wheel Drive Auto Co Clintonville Wis
General Motors Truck Co Pontiac Mich
International Harv Co of America 600 S Michigan Av Chgo Ill
Kentworth Motor Truck Corp Seattle Wash
Mack-International Motor Truck Corp 350 5th Av NY 1 NY
Reo Motor Car Co Lansing Mich
Sterling Motor Truck Co Milwaukee Wis
Stewart Motor Corp Buffalo N Y
Studebaker Sales Corp South Bend Ind
White Motor Co Cleveland O
Willys-Overland Motors Inc Toledo O

TRUSSES—roof, steel

Bethlehem Steel Co Bethlehem Pa
Decatur Iron & Steel Co Decatur Ala
Erie Steel Construction Co Erie Pa
Gabriel Steel Co Detroit Mich
Houston Blow Pipe & Sht Met Wks Houston Tex (28)
International Steel Co Evansville Ind
Geo. L Mesker & Co Evansville 8 Ind
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
Trucson Steel Co Youngstown O

TRUSSES—roof, wood

American Roof Truss Co 6848 Stony Island Av Chgo 49 Ill (84)
McKeown Bros Co 5235 S Keeler Chgo Ill
Rilco Laminated Prod Inc St Paul Minn
Roof Structures Inc 45 W 45 NY NY
Unit Structures Inc Peshtigo Wis

TUBS—laundry

Alberene Stone Corp of Virginia 419 4 Ave NY NY
Concrete Fixtures Co 3666 W 38th Chgo 32 Ill
Crane Co 836 S Michigan Ave Chgo Ill
Ellwood Co Ellwood City Pa
General Ceramics Co Metuchen N J
Kohler Co Kohler Wis
Mitchell Metal Products Inc Cleveland O
Reeves Steel & Mfg Co Dover Ohio
Richmond Radiator Co 835 Fifth Av NY 17 NY
Standard-Elsmere Granite Co 1754 N Spaulding Chgo Ill
Trenton Potteries Co Trenton N J
Vermont Soapstone Co Perkinsville Vt
Wheeling Corrugating Co Wheeling W Va (34)

TURNBUCKLES

American Steel & Wire Co Cleveland O (147)
Bethlehem Steel Co Bethlehem Pa
P & F Corbin New Britain Conn
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Frantz Mfg Co Sterling Ill (74)
Hubbard & Co 6301 Butler St Pittsburgh 1 Pa
National Mfg Co Republic Steel Corp Cleveland O
Republic Steel Corp Cleveland O
Richmond Screw Anchor Co Inc 816 Liberty Av Brooklyn 8 N Y
Rockford Bolt & Steel Co 126 Mill Rockford Ill
Jos T Ryerson & Son Inc 2558 W 16th Chgo Ill
St Louis Screw & Bolt Co St Louis Mo
Sheffield Steel Corp Kansas City Mo
Stewart Iron Wks Co Inc Cincinnati O
Turnbuckles Inc 650 W Lake Chgo Ill
U S Expansion Bolt Co 28 W Howard NY NY
Upson-Walton Co Cleveland O
Wilcox Crittenden & Co Inc Middletown Conn

TURNTABLES—lumber

Leitelt Iron Works Grand Rapids Mich (212)
Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)
Standard Dry Kiln Co P O Box 541 Indianapolis Ind

V BELT DRIVES

Allis Chalmers Mfg Co Milwaukee Wis
Chicago Belting Co 121 N Green Chgo Ill
The Dayton Rubber Mfg Co 2342 W Riverview Av Dayton 1 Ohio
Fairbanks Morse & Co 600 S Michigan Av Chgo Ill (24)
The Filer & Stowell Co Milwaukee 7 Wis
Gates Rubber Co 999 S Broadway Denver 17 Colo
Gifford Wood Co Hudson N Y
Houston Blow Pipe & Sheet Mtl Wks Houston Tex (28)
Kent Machine Co Cuyahoga Falls Ohio (190)
Raybestos Div of Raybestos Manhattan Inc Stratford Conn
Chas A Schieren Co 30-38 Ferry NY 7 NY
Worthington Pump & Mchy Corp Harrison N J

V BELTS & BELTING

Broadway Rubber Mfg Co 529 E Broadway Louisville 2 Ky
Browning Mfg Co Inc Maysville Ky
Chicago Belting Co 121 N Green Chgo Ill
Chicago Rawhide Mfg Co 1301 N Elston Chgo Ill
Victor R. Clark Belting Co 605 W Washington Chgo 6 Ill
Dayton Rubber Mfg Co Dayton O
R J Dick Co Inc Passaic N J
Durkee-Atwood Co Minneapolis Minn
Gates Rubber Co 999 S Broadway Denver 17 Colo
B F Goodrich Rubber Co Akron O
Goodyear Tire & Rubber Co Inc Akron O
Manhattan Rubber Mfg Div Raybestos Manhattan Inc Passaic NJ
Manheim Mfg & Belting Co Manheim Pa
Page Belting Co Concord New Hampshire
Div of Raybestos-Manhattan Inc Raybestos Div Stratford Conn
Rockwood Mfg Co Indianapolis Ind
Chas A Schieren Co 30-38 Ferry NY 7 NY
Thermoid Rubber Div Thermoid Co Trenton N J
United States Rubber Co 1230 5th Av NY NY
Worthington Pump & Mach Corp Harrison N J

VALVES—dry kiln, control

The Bristol Co Waterbury 91 Conn
The Filer & Stowell Co Milwaukee 7 Wis
Grand Rapids Vapor Kiln Inc Grand Rapids 2 Mich
Moore Dry Kiln Co P O Box 4248 Jacksonville 1 Fla (187)
Portable Products Corp C J Tagliabue Div Park & Nostrand Brooklyn 5 NY
Standard Dry Kiln Co P O Box 541 Indianapolis Ind

VARNISH

Acme White Lead & Color Wks 8250 St Aubin Av Detroit 11 Mich
Adams & Elting Co 1833 S Normal Chgo Ill
Advance Paint Co Indianapolis Ind
Alabastine Paint Prod Grand Rapids Mich
American Marietta Co 43 E Ohio Chgo 11 Ill
American Varnish Co 1140 No Branch Chgo Ill
Arco Co Cleveland O
Armstrong Paint & Varnish Wks 1330 S Kilbourn Chgo Ill
Atlantic Paint & Varnish Wks Wilmington N C
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Baker Paint & Varnish Co Jersey City N J
Berry Bros Inc Detroit 7 Mich
Bigelow Varnish Co Newark N J
The Black Diamond Paint & Varnish Works Inc 1209 Bank St Cincinnati 14 Ohio
Boston Varnish Co Boston 49 Mass (33)
Breinig Brothers Inc 1st & Harrison Hoboken N J
Calbar Paint & Varnish Co Philadelphia 25 Pa
Campbell Paint & Varnish Co St Louis Mo
Central Paint & Varnish Wks 69 Prospect Brooklyn N Y
Chicago Paints Inc 4500 W 14 Chgo Ill
Chi-Namel Paint & Varnish Co Minneapolis Minn
Colorado Paint Co 3551 Blake Denver 5 Colo
Con-Ferro Paint & Varnish Co St Louis Mo
Detroit White Lead Wks 8250 St Aubin Av Detroit 11 Mich
Devoe & Raynolds Co Inc 787 1st Av NY 17 NY (44-45)
Jos Dixon Crucible Co Jersey City N J
E I Du Pont de Nemours & Co Wilmington Del
Eberson-Lindsley Paint Co St Louis Mo
Elliott Paint & Varnish Co 4523 W Fifth Ave Chgo Ill
Empire Varnish Co Cleveland O
Enterprise Paint Mfg Co 337 S Peoria Chgo Ill
Farwell Ozmun Kirk & Co St Paul 1 Minn
Federal Varnish Co 337 S Peoria Chgo Ill
Felton Sibley & Co Inc 136 N 4th Philadelphia 6 Pa
Flint Paint & Varnish Corp Flint Mich
Forbes Varnish Co Cleveland O
Fort Pitt Chem Co Pittsburgh 22 Pa
The Foy Paint Co Inc Cincinnati 12 Ohio
W P Fuller & Co 301 Mission San Fran 19 Cal
Gillespie Varnish Co Dey & Howell Sts Jersey City N J
Glidden Co Cleveland O (12-13)
Globe Paint Wks Inc 202-208 Market Williamsport 5 Pa
Grand Rapids Varnish Corp 565 Godfrey Av S W Grand Rapids 2 Mich
Great Lakes Varnish Wks Inc 2215 N Pulaski Ave Chgo Ill
A C Horn Co 43-36 10th Long Island City N Y

Number in parenthesis indicates page on which advertisement appears

Jewel Paint & Varnish Co 345 N Western Av Chgo Ill
The R F Johnston Paint Co Cincinnati 12 Ohio
Keystone Varnish Co 71 Otsego St Brooklyn 31 N Y
Lansing Paint & Color Co Lansing Mich
Lastik Prod Co Inc Pittsburgh Pa
W W Lawrence & Co 1124 W Carson Pittsburgh 19 Pa
Lowe Bros Co Dayton O (61)
John Lucas & Co Philadelphia Pa
McCloskey Varnish Co Philadelphia Pa
The Marietta Paint & Color Co Marietta Ohio
Martin Senour Co 2520 Quarry Chgo Ill
Martin Varnish Co 900 W 49 Pl Chgo Ill
John W Masury & Son Inc Sharp & Ostend Baltimore Md
Minnesota Linseed Oil Paint Co Minneapolis Minn
Benjamin Moore & Co 511 Canal NY 13 NY
Mound City Paint & Color Co St Louis Mo
Murphy Finishes Corp 224 McWhorter Newark 1 NJ
O'Brien Varnish Co So Bend Ind (103)
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Patterson Sargent Co Cleveland 14 O
Peaslee-Gaulbert Paint & Varnish Co Louisville Ky
Phelan-Faust Paint Mfg Co St Louis Mo
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
Pratt & Lambert Inc 75 Tonawanda Buffalo 7 NY
Sargent-Gerke Co Indianapolis 6 Ind
Seidlitz Paint & Varnish Co Kan City Mo
Sewall Paint & Varnish Co Kan City Mo
Sherwin-Williams Co Cleveland O (309)
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Standard Varnish Wks 2589 Richmond Terrace Staten Island N Y
Steelcote Mfg Co St Louis 3 Mo (48)
20th Century Paint & Varnish Co 30 Roebling Brooklyn N Y
Valentine & Co Inc 11 E 36 NY 16 NY
Vita-Var Corp Newark N J (310)
Wadsworth Howland & Co 141 Federal Boston Mass
C A Woolsey Paint & Color Co 229 E 42 NY NY
Wm Zinsser & Co 56 W 59 NY NY

VARNISH REMOVER

Acme White Lead & Color Wks 8250 St Aubin Av Detroit 11 Mich
Adams & Elting Co 1833 S Normal Chgo Ill
Alabastine Paint Prod Grand Rapids Mich
American Marietta Co 43 E Ohio Chgo 11 Ill
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Berry Bros Detroit Mich
Bissel Varnish Co Bridgeport Conn
Boyle-Midway Inc 257 Cornelison Av Jersey City 2 N J
Bradley & Vrooman Co 2629 S Dearborn Chgo Ill
Breinig Brothers Inc 1st & Harrison Hoboken N J
Calbar Paint & Varnish Co 2612 N Martha Phil 25 Pa
Chemical Supply Co 225 Plymouth Bldg Cleveland 15 Ohio
Chi-Namel Paint & Varnish Co Minneapolis Minn
Detroit White Lead Wks Detroit Mich
E I Du Pont de Nemours & Co Wilmington Del
Eberson-Lindsley Paint Co St Louis Mo
Enterprise Paint Mfg Co 337 S Peoria Chgo Ill
Farwell Ozmun Kirk & Co St Paul 1 Minn
The Foy Paint Co Inc Cincinnati 12 Ohio
W P Fuller & Co 301 Mission San Fran 19 Cal
Gillespie Varnish Co Dey & Howell Sts Jersey City N J
Glidden Co Cleveland O (12-13)
Globe Paint Wks Inc 202-208 Market Williamsport 5 Pa
Grand Rapids Varnish Corp 565 Godfrey Av S W Grand Rapids 2 Mich
Great Lakes Varnish Wks Inc 2215 N Pulaski Chgo Ill
The R F Johnston Paint Co Cincinnati 12 Ohio
Lastik Prod Co Inc Pittsburgh Pa
W W Lawrence & Co 1124 W Carson Pittsburgh 19 Pa
Lowe Bros Co Dayton O (61)
The Marietta Paint & Color Co Marietta Ohio
Mar-Kay Mfg Co 2715 S Second St St Louis Mo
Martin Senour Co 2520 Quarry Chgo Ill
O'Brien Varnish Co South Bend Ind (103)
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Peninsular Paint & Varnish Co Detroit Mich
Pittsburgh Plate Glass Co 632 Duquesne Way Pittsburgh 22 Pa (204)
Pratt & Lambert Inc 75 Tonawanda Buffalo 7 NY
Savogran Co Boston 10 Mass (19)
Sewall Paint & Varnish Co Kan City Mo
So-Lo Wks Inc Loveland O
Standard Varnish Wks 2589 Richmond Terrace Staten Island N Y
Stanley Chemical Co E Berlin Conn
Steelcote Mfg Co St Louis Mo (48)
Valentine & Co Inc 11 E 37 NY NY
Wadsworth Howland & Co 141 Federal Boston Mass
C A Woolsey Paint & Color Co 229 E 42 NY NY

VENETIAN BLINDS

Artistic Venetian Blind Co 1955 Park Av NY NY
Bostwick-Goedell Co Norwalk O
Chas W Breneman Co Cincinnati Ohio
Clark & Hammer Inc Belleville N J
Clopay Corp Cincinnati O
Columbia Mills Inc 225 5 Av NY NY
Consolidated Venetian Blind Co Houston Tex
Crawford-Austin Mfg Co Waco Tex
Crown Shade & Screen Co Boston Mass
Fiwale Equipment Mfg Co 165 Church NY 7 NY
Flint Venetian Blind Co Flint Mich
Germain Mfg Co Saginaw Mich
W E Hettrick & Son Co Toledo Ohio
Higgin Mfg Co Newport Ky
Hough Shade Corp Janesville Wis
Huttig Sash & Door Co St Louis Mo
Ideal Co Box 889 Waco Tex
Kane Mfg Corp Kane Pa
Mackin Venetian Blind Co Kankakee Ill
Mars Venetian Blinds Le Mars Ia
Modern Venetian Blinds Inc 230 Fifth Av NY NY
Rolscreen Co Pella Ia
Williams Mfg Co Constantine Mich
Yardley Screen & Weather Strip Co Columbus O

VENETIAN BLIND SLATS

American Rule & Block Co Menominee Mich
Bostwick-Goodell Co Norwalk Ohio
Chas W Breneman Co Cincinnati Ohio
Jefferson Wood Working Co Louisville Ky
G B Lewis Co Watertown Wis
Morgan Wood Prod Corp Aldenville Pa
S E Overton Co So Haven Mich

VENTILATING SYSTEMS—factory

American Blower Corp Detroit Mich
Buffalo Forge Co Buffalo N Y
Clarage Fan Co Kalamazoo Mich
Connecticut Blower Co P O Box 884 Hartford 1 Conn
The DeVilbiss Company 300 Phillips Av Toledo 1 Ohio
Houston Blow Pipe & Sheet Mtl Wks Houston Tex (28)
Ilg Elec Ventilating Co 222 N La Salle Chgo Ill
The Herman Nelson Corp 540 N Michigan Chgo Ill
New York Blower Co 415 Lexington Av NY NY
St Louis Blow Pipe & Heater Co St Louis Mo
B F Sturtevant Co Boston Mass
Swartout Co Cleveland O
Trane Co La Crosse Wis
Westinghouse Elec & Mfg Co Pittsburgh Pa

VENTILATORS—farm, poultry, houses, etc.

Clay Equipment Corp Cedar Falls Ia
The Edwards Mfg Co 427-477 Culvert Cincinnati Ohio
Farwell Ozmun Kirk & Co St Paul 1 Minn
Franklin Equipment Co Monticello Ia
H D Hudson Mfg Co 589 E Illinois Chgo Ill
James Mfg Co Ft Atkinson Wis
King Ventilating Co Owatonna Minn
Klauer Mfg Co Dubuque Ia
La Crosse Steel Roofing & Corrugating Co La Crosse Wis
Louden Mach Co Fairfield Ia
Macomb Steel Prod Co Macomb Ill
F Meyer & Bro Co Peoria Ill
Milcor Steel Co So 41st & W Burnham Milwaukee 4 Wis
The Ney Mfg Co 948 High Av S W Canton 4 Ohio
Republic Metals & Roofing Materials Inc 4040 W Lake Chgo 24 Ill (107)
St Louis Blow Pipe & Heater Co St Louis Mo
Starline Inc Harvard Ill
Willis Steel Corp Galesburg Ill

VENTILATORS—roof

Clay Equipment Co Cedar Falls Ia
Connecticut Blower Co P O Box 884 Hartford 1 Conn
Diehl Mfg Co Finderne Plant Somerville N J
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
The Edwards Mfg Co 427-477 Culvert Cincinnati Ohio
Farwell Ozmun Kirk & Co St Paul 1 Minn
Houston Blow Pipe & Sht Met Wks Houston Tex (28)
Ilg Electric Ventilating Co 228 N La Salle Chgo Ill
James Mfg Co Ft Atkinson Wis
King Ventilating Co Owatonna Minn
Milcor Steel Co Milwaukee Wis
The Ney Mfg Co 948 High Av S W Canton 4 Ohio
Republic Metals & Roofing Materials Inc 4040 W Lake Chgo 24 Ill (107)
St Louis Blow Pipe & Heater Co St Louis Mo
St Paul Corrugating Co St Paul Minn
Starline Inc Harvard Ill
Swartout Co Cleveland O
Trane Co La Crosse Wis

VENTILATORS—wall

Adams Co Dubuque Ia
Chattanooga Implement & Mfg Co E Chattanooga 6 Tenn
Diehl Mfg Co Finderne Plant Somerville N J
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Farwell Ozmun Kirk & Co St Paul 1 Minn
Ilg Elec Ventilating Co 228 N La Salle Chgo Ill
Klauer Mfg Co Dubuque Ia
Chattanooga 1 Tenn
F Meyer Bro Co Peoria Ill
Northwest Metal Prod Inc Seattle Wash
Republic Metals & Roofing Materials Inc 4040 W Lake Chgo 24 Ill (107)
F A Smith Mfg Co Inc Rochester N Y
Starline Co Harvard Ill
A L Sweet Iron Wks Medina N Y
Trane Co La Crosse Wis
Victor Elec Prod Inc Cincinnati O
Western Steel Prod Co Duluth Minn

VENTILATORS—window

Airolite Co Marietta O
Beh & Co Inc 1150 Broadway NY NY
Dearborn Glass Co 2414 W 21st Chgo Ill
Diehl Mfg Co Finderne Plant Somerville N J
Farwell Ozmun Kirk & Co St Paul 1 Minn
General Electric Co Bridgeport Conn
Gold Seal Mfg Co 20 N Sangamon Chgo Ill
The Ideal Ventilator Co 160 Atlantic Av Providence 7 R I
Ilg Elec Ventilating Co 228 N La Salle Chgo Ill
W B Marvin Mfg Co Urbana O
Natl Screen Co Inc Suffolk Va
Plymouth Stamped Metal Co Galion O
Protective Ventilator Co 310 W 92 NY NY
F E Schumacher Co Hartville O
Signal Elec Mfg Co Menominee Mich
F A Smith Mfg Co Inc Rochester N Y
Starline Inc Harvard Ill
V-W Co Columbus O
Victor Elec Prod Inc Cincinnati O
Wagner Elec Corp St Louis Mo
Wayne Mfg Co Detroit Mich

WAGONS—logging & lumber

Hyster Co Portland 8 Ore
Lindsey Wagon Co Laurel Miss
A Streich & Bros Co Oshkosh Wis

WALLBOARD—fibre insulating

Bird & Son E Walpole Mass (30-31)
Celotex Corp 120 S LaSalle Chgo Ill (10)
Certain-teed Prod Corp 120 S LaSalle Chgo Ill (25)

Number in parenthesis indicates page on which advertisement appears

Cornell Wood Prod Co 230 N Michigan Chgo Ill
Fir-Tex Portland Ore
Flintkote Co 30 Rockefeller Plaza NY NY (73)
Homasote Co Trenton N J
Insulite Minneapolis Minn
Johns-Manville Corp 22 E 40th NY 16 NY
Natl Gypsum Co Buffalo N Y (69)
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Plastergon Wallboard Co 196 Philadelphia Av Buffalo 7 NY
U S Gypsum Co 300 W Adams Chgo Ill (59)
Upson Co Lockport N Y (124)
Wood Conversion Co St Paul Minn (22-23)

WALLBOARD—gypsum

Celotex Corp 120 S LaSalle Chgo Ill (10)
Natl Gypsum Co Buffalo N Y (69)
Pacific Portland Cement Co San Francisco 6 Cal
Schumacher Wall Board Corp South Gate Cal
U S Gypsum Co 300 W Adams Chgo Ill (59)

WALLBOARD—marble finish

Armstrong Cork Co Lancaster Pa
Gibbs Boardtile Corp 615 N Aberdeen Chgo Ill (100)
Marsh Wall Prod Inc Dover O (75)
Tylac Co Inc Monticello Ill

WALLBOARD—paper

Bird & Son East Walpole Mass (30-31)
Fleming & Sons Inc Dallas Tex
M & M Wood Working Co Resnprest Div 2301 N Columbia Portland 3 Ore
U S Gypsum Co 300 W Adams Chgo Ill (59)
Upson Co Lockport N Y (124)
Wood Conversion Co St Paul Minn (22-23)

WALLBOARD—tiled

Armstrong Cork Co Lancaster Pa
Barclay Mfg Co 385 Gerard Av Bronx NY
Certain-teed Prod Corp 120 S LaSalle Chgo Ill (25)
Flintkote Co 30 Rockefeller Plaza NY NY (73)
Gibbs Boardtile Corp 615 N Aberdeen Chgo Ill (100)
Johns-Manville Corp 22 E 40th NY 16 NY
Keasbey & Mattison Co Ambler Pa
Marsh Wall Prod Inc Dover O (75)
Masonite Corp 111 W Washington Chgo Ill
Natl Gypsum Co Buffalo N Y (69)
Plastergon Wallboard Co 196 Philadelphia Av Buffalo 7 NY
Tylac Co Monticello Ill
U S Gypsum Co 300 W Adams Chgo Ill (59)
Upson Co Lockport N Y (124)
Wood Conversion Co St Paul Minn (22-23)

WALLBOARD—woodgrain finish

Armstrong Cork Co Lancaster Pa
Celotex Corp 120 S LaSalle Chgo Ill (10)
Gibbs Boardtile Corp 615 N Aberdeen Chgo Ill (100)
Marsh Wall Prod Inc Dover O (75)
Natl Gypsum Co Buffalo N Y (69)
Tylac Co Inc Monticello Ill
U S Gypsum Co 300 W Adams Chgo Ill (59)

WALL COPING

Dennison Sewer Pipe Co Dennison Ohio
Denver Sewer Pipe & Clay Co Denver 1 Colo
W S Dickey Clay Mfg Co Kansas City Mo
Gladding-McBean & Co San Francisco Cal
Laclede-Christy Clay Prod Co St Louis Mo
Lehigh Sewer Pipe & Tile Co Ft Dodge Ia
Owensboro Sewer Pipe Co Inc Owensboro Ky
Robinson Clay Prod Co Akron O
Washington Brick & Lime Co Spokane 8 Wash
What Cheer Clay Prod Co What Cheer Ia

WALLPAPER

C C Aler Co Cincinnati O
Becker Smith & Page Inc Phil Pa
The Birge Co Inc 390 Niagara St. Buffalo 1 NY
Bosch Wallpaper & Paint Co 812 Belmont Av Chgo Ill
Century Wallpaper Mills Decatur Ill
Clopay Corp Cincinnati O
M J Earl Reading Pa
Fleming & Sons Inc Dallas Tex
Imperial Paper & Color Corp Glens Falls NY
Lennon Wallpaper Co Joliet Ill
Plattsburgh Wallpaper Co Plattsburgh N Y
Prager Co Worcester Mass
Stamford Wallpaper Co Stamford Conn
Standard Coated Products Div of Interchemical Corp 350 Fifth Av NY 1 NY
Star-Peerless Wallpaper Mills 1737
Statter Wallpaper Mills Crystal Lake Ill
Howard Chgo Ill
United Wallpaper Factories Inc 3330 Fillmore Chgo Ill

WALL SIZE

Acme White Lead & Color Wks 8250 St Aubin Av Detroit 11 Mich
Alabastine Paint Prod Grand Rapids Mich
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Casein Co of America 350 Madison Av NY NY (116)
Chi-Namel Paint & Varnish Co Minneapolis Minn
Commercial Paste Co Columbus 8 O
Consumers Glue Co St Louis Mo
Cudahy Packing Co Anchor Glue Div 221 N La Salle Chgo Ill
Farwell Ozmun Kirk & Co St Paul 1 Minn
H B Fuller Co 255 Eagle St Paul 2 Minn
The Marietta Paint & Color Co Marietta Ohio
Miner-Hillard Milling Co Wilkes Barre Pa
Muralo Co Inc 572 Richmond Terrace Staten Island 1 N Y
Patent Cereals Co Geneva N Y
Reardon Co St Louis Mo
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
Truscon Laboratories Detroit Mich
United Gilsonite Laboratories Scranton Pa
Vita-Var Corp Newark N J (310)
Wesco Waterpaints Inc East Boston Mass

WAREHOUSING—field

Douglas-Guardian Warehouse Corp 118 N Front New Orleans 1 La
Lawrence Warehouse Co W P Story Bldg Los Angeles Calif (105)
St Louis Terminal Warehouse Co St Louis Mo

WATERPROOFING—asphalt

American Asphalt Roof Corp Kan City Mo
Barrett Div Allied Chemical & Dye Corp 40 Rector NY NY
Bird & Son East Walpole Mass (30-31)
Philip-Carey Co Cincinnati 15 O (65)
Central Paint & Varnish Wks 69 Prospect Brooklyn N Y
Ceresit Waterproofing Corp 512 S Canal Chgo Ill
Certain-teed Prod Corp 120 S LaSalle Chgo Ill (25)
Chemical Supply Co 225 Plymouth Bldg Cleveland 15 Ohio
Chi-Namel Paint & Varnish Co Minneapolis Minn
Colorado Paint Co 3551 Blake Denver 5 Colo
Evercrete Corp 19 W 44th NY 18 NY
Flintkote Co 30 Rockefeller Plaza NY NY (73)
Ford Roofing Products Co 111 W Washington Chgo 2 Ill (205)
Fort Pitt Chem Co Pittsburgh 22 Pa
Glidden Co Cleveland Ohio (12-13)
Harrop Chemical Co 135 Hoboken Av Jersey City 2 N J
A C Horn Co 43-36 Tenth Long Island City N Y
Johns-Manville Corp 22 E 40th NY 16 NY
The Lehon Co 4425 S Oakley Chgo Ill
Mar-Kay Mfg Co 2715 S Second St St Louis Mo
Minwax Co Inc 11 W 42nd NY NY
B F Nelson Mfg Co Minneapolis Minn
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Pecora Paint Co American & Venango Philadelphia 40 Pa
Presstite Engineering 3900 Chouteau Av St Louis 10 Mo
Reilly Tar & Chemical Corp Indianapolis 4 Ind
The Ruberoid Co 500 Fifth Av NY 18 NY (83)
Sealcon Prod Inc 927 Second Av S Minneapolis 2 Minn
Sherwin-Williams Co Cleveland O (309)
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
The Texas Co 135 E 42nd NY NY
Vita-Var Corp Newark N J (310)

WATERPROOFING—integral

Adensite Co Inc 37-19 23rd St L I City NY
Anti Hydro Waterproofing Co Newark 8 N J
Central Paint & Varnish Wks 69 Prospect Brooklyn N Y
Ceresit Waterproofing Corp 512 S Canal St Chgo 7 Ill
Dow Chemical Co Midland Mich (89)
Evercrete Corp 19 W 44th NY 18 NY
Fort Pitt Chem Co Pittsburgh 22 Pa
Harrop Chemical Co 135 Hoboken Av Jersey City 2 N J
A C Horn Co 43-36 Tenth Long Island City 1 N Y
Johns-Manville Corp 22 E 40th NY 16 NY
The Lehon Co 4425 S Oakley Chgo Ill
Lumino Co Inc 515 Madison Av NY NY
Ranetite Mfg Co 1917 Broadway St Louis Mo (118)
Sealcon Prod Inc 927 Second Av S Minneapolis 2 Minn
Solvay Sales Corp 40 Rector NY NY
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
Truscon Lab Inc Detroit Mich

WATERPROOFING—liquid

Abesto Mfg Co Michigan City Ind (208)
Adensite Co Inc 37-19 23rd St L I City NY
American Fluresit Co Cincinnati O
Anti Hydro Waterproofing Co Newark 8 N J
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Barrett Div Allied Chemical & Dye Corp 40 Rector NY NY
Samuel Cabot Inc 141 Milk St Boston 9 Mass (98)
Calbar Paint & Varnish Co 2612 N Martha Phil 25 Pa
Philip-Carey Co Cincinnati 15 O (65)
Central Paint & Varnish Wks 69 Prospect Brooklyn N Y
Ceresit Waterproofing Corp 512 S Canal Chgo Ill
Chemical Supply Co 225 Plymouth Bldg Cleveland 15 Ohio
Cre-O-Tox Chem Prod Co Memphis Tenn (84)
Devoe & Raynolds Co Inc 787 First Av N Y 17 N Y (44-45)
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Evercrete Corp 19 W 44th NY 18 NY
Fort Pitt Chem Co Pittsburgh 22 Pa
W P Fuller & Co 301 Mission San Fran 19 Cal
Glidden Co Cleveland Ohio (12-13)
Harrop Chemical Co 135 Hoboken Av Jersey City 2 N J
A C Horn Co 43-36 Tenth Long Island City N Y
Johns-Manville Corp 22 E 40th NY 16 NY
Lumino Co Inc 515 Madison Av NY NY
Mar-Kay Mfg Co 2715 S Second St St Louis Mo
Pecora Paint Co American & Venango Philadelphia 40 Pa
Peaslee-Gaulbert Paint & Varnish Co Louisville Ky
Ranetite Mfg Co 1917 S Broadway St Louis Mo (118)
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
Truscon Labs Detroit Mich
Wadsworth Howland & Co Inc Boston Mass
Wesco Waterpaints Inc East Boston Mass
X-Pando Corp 43-15 36th Long Island City 1 N Y

WATERPROOFING—membrane

American Asphalt Roof Corp Kansas City Mo
American Fluresit Co Cincinnati 39 O
Angier Corp Framingham Mass

Number in parenthesis indicates page on which advertisement appears

Barrett Div Allied Chemical & Dye Corp 40 Rector NY NY
Calbar Paint & Varnish Co 2612 N Martha Phil 25 Pa
Philip Carey Co Cincinnati 15 O (65)
Flintkote Co 30 Rockefeller Plaza NY NY (73)
A C Horn Co 43-36 Tenth Long Island City 1 N Y
Johns-Manville Corp 22 E 40th NY 16 NY
Lehon Co 4425 S Oakley Av Chgo Ill
Minwax Co Inc 11 W 42nd NY NY
Presstite Engineering 3900 Chouteau Av St Louis 10 Mo
Reilly Tar & Chemical Corp Indianapolis 4 Ind
The Ruberoid Co 500 Fifth Av NY 18 NY (83)
The Sisalkraft Co 205 W Wacker Dr Chgo 6 Ill (101)
L Sonneborn Sons Co 88 Lexington Av NY NY (100)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Thilmany Pulp & Paper Co Kaukauna Wis
Wall Prod Inc Newark 2 N J

WATERPROOFING—metallic

Amer Fluersit Co Cincinnati O
Ceresit Waterproofing Corp 512 S Canal Chgo 7 Ill
Fort Pitt Chemical Co Pittsburgh 22 Pa
A C Horn Co 43-42 Tenth Long Island City 1 NY
Sealcon Prod Inc 927 Second Av S Minneapolis 2 Minn
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
Truscon Labs Detroit Mich

WATERPROOFING—transparent

Adensite Co Inc 37-19 23rd St L I City NY
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Ceresit Waterproofing Corp 512 S Canal Chgo 7 Ill
Ensign Products Co Cleveland Ohio
Evercrete Corp 19 W 44th NY 18 NY
Fort Pitt Chem Co Pittsburgh 22 Pa
Gillespie Varnish Co Dey & Howell Sts Jersey City N J
Glidden Co Cleveland Ohio (12-13)
A C Horn Co 43-42 Tenth Long Island City 1 NY
Harrop Chemical Co 135 Hoboken Av Jersey City 2 N J
Mar-Kay Mfg Co 2715 S Second St St Louis Mo
Minwax Co Inc 11 W 42nd NY NY
B F Nelson Mfg Co Minneapolis Minn
Protection Products Mfg Co Kalamazoo Mich (48)
Ranetite Mfg Co 1917 Broadway St Louis Mo (118)
Sealcon Prod Inc 927 Second Av S Minneapolis 2 Minn
L Sonneborn Sops Inc 88 Lexington Av NY 16 NY (100)
Steelcote Mfg Co 3418 Gratiot St Louis 3 Mo (48)
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)
Truscon Labs Detroit Mich
Wood Treating Chemicals Co St Louis Mo
X-Pando Corp 43-15 36th Long Island City N Y

WATER SYSTEMS

Aurora Pump Co Aurora Ill
Challenge Co Batavia Ill
Dayton Pump & Mfg Co Dayton O
Decatur Pump Co Decatur Ill
Delco Appliance Div General Motor Sales Corp Rochester N Y
Dempster Mill Mfg Co Beatrice Neb
Everite Pump & Mfg Co Inc Lancaster Pa
Fairbanks Morse & Co 600 S Michigan Av Chgo Ill (24)
Flint & Walling Mfg Co Inc Kendallville Ind
Goulds Pumps Inc Seneca Falls N Y
H D Hudson Mfg Co 589 E Illinois Chgo Ill
F E Myers & Bro Co Ashland O
A Y McDonald Mfg Co Dubuque Ia
Pacific Wood Tank Corp San Fran Cal
Pioneer Gen-E-Motor Corporation 5841 W Dickens Chgo 39 Ill
Pomona Pump Co Pomona Calif
Geo D Roper Corp Rockford Ill
M Shetler & Sons Co Clio Mich

WAX—floor

Acme White Lead & Color Wks 8250 St Aubin Av Detroit 11 Mich
Armstrong Cork Co Lancaster Pa
Atlantic Varnish & Paint Co Inc P O Box 474 Richmond Va
Boston Varnish Co Boston 49 Mass (33)
Boyle-Midway Inc 257 Cornelison Av Jersey City 2 N J
Breinig Brothers Inc 1st & Harrison Hoboken N J
E L Bruce Co Memphis Tenn (9)
Cellowax Co Baltimore Md
Cromar Co Williamsport Pa
Chemical Supply Co 225 Plymouth Bldg Cleveland 15 Ohio
Colorado Paint Co 3551 Blake Denver 5 Colo
Detroit White Lead Wks 8250 St Aubin Av Detroit 11 Mich
E I Du Pont de Nemours & Co Inc Wilmington Del
Donald Durham Co Des Moines 4 Ia (219)
Evercrete Corp 19 W 44th NY 18 NY
Farwell Ozmun Kirk & Co St Paul 1 Minn
W P Fuller & Co 301 Mission San Fran 19 Cal
Gillespie Varnish Co Dey & Howell Sts Jersey City N J
Glidden Co Cleveland O (12-13)
Gulf Refining Co Pittsburgh 30 Pa
R M Hollingshead Corp Camden N J
A C Horn Co 43-36 Tenth Long Island City 1 N Y
S C Johnson & Son Racine Wis
Minnesota Mining & Mfg Co St Paul 6 Minn
Minwax Co Inc 11 W 42nd NY NY
O-Cedar Corp 2246 W 49 Chgo Ill
The Paraffine Companies Inc 475 Brannan St San Francisco 19 Cal
Peaslee-Gaulbert Paint & Varnish Co Louisville Ky
Pittsburgh Plate Glass Co Paint Div Pittsburgh Pa (204)
Pratt & Lambert Inc 75 Tonawanda Buffalo 7 NY
Simoniz Co 2100 S Indiana Av Chgo Ill
Socony-Vacuum Oil Co Inc 26 Broadway NY NY
L Sonneborn Sons Inc 88 Lexington Av NY 16 NY (100)
Standard Oil Co of Ind 910 S Michigan Av Chgo Ill
The Sullivan Co P O Box 2696 Memphis 2 Tenn (219)
Tamms-Silica Co 228 N La Salle Chgo 1 Ill
Wadsworth Howland & Co 141 Federal Boston Mass

WEATHERSTRIP

Accurate Metal Weatherstrip Co Inc 218 E 26th NY 10 NY
Allmetal Weatherstrip Co 229 W Ohio Chgo Ill
American Metal Weather Strip Co Grand Rapids Mich
Chamberlin Metal Weather Strip Co Inc Detroit Mich
W J Dennis & Co 1732 N Kolmar Av Chgo Ill
Diamond Metal Weather Strip Co Columbus O
Higgin Mfg Co Newport Ky
Huttig Sash & Door Co St Louis Mo
Johnson Metal Prod Co Erie Pa
Kuhlman Metal Weather Strip Co St Louis Mo
Macklanburg - Duncan Co Oklahoma City 1 Okla (97)
Master Metal Strip Service Inc 1720 N Kilbourn Av Chgo Ill
Monarch Metal Weatherstrip Corp St Louis Mo
Protex Weatherstrip Mfg Co 4500 S Western Chgo Ill (11)
Van Cleef Bros 7800 S Woodlawn Av Chgo Ill
Youngstown Manufacturing Inc 66 S Prospect Youngstown 6 Ohio

WEATHERSTRIP—door bottom

Thermal Co Philadelphia 19 Pa (119)

WHEEL GUARDS

Adams Co Dubuque Ia
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
The Filer & Stowell Co Milwaukee 7 Wis
Frantz Mfg Co Sterling Ill (74)
Kentucky Metal Products Co Louisville 4 Ky
Lookout Boiler & Mfg Co Chattanooga Tenn
Majestic Co Huntington Ind
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Natl Mfg Co Sterling Ill
A L Swett Iron Wks Medina NY

WHEELS—sprocket

Brad Foote Gear Wks 1301 S Cicero Av Chgo Ill
Chain Belt Co Milwaukee Wis
Cullman Wheel Co 1352 Altgeld Chgo Ill Chgo Ill
Diamond Chain & &Mfg Co 450 Kentucky Av Indianapolis 7 Ind
Dodge Mfg Corp Mishawaka Ind
The Filer & Stowell Co Milwaukee 7 Wis
Jeffrey Mfg Co Columbus O
Link Belt Co 307 N Michigan Av Chgo Ill
Stephens-Adamson Mfg Co Aurora Ill

WINCHES—tractor

Hyster Co Portland 8 Ore
Isaacson Iron Wks Seattle Wash
The Oliver Corp Industrial Div 19300 Euclid Av Cleveland 17 Ohio

WINDMILLS

Baker Mfg Co Evansville Wis
Challenge Co Batavia Ill
Dempster Mill Mfg Co Beatrice Neb
Fairbanks Morse & Co 600 S Michigan Av Chgo Ill (24)
Flint & Walling Mfg Co Inc Kendallville Ind
New England Tank & Tower Co Everett Mass
Stover Mfg & Engine Co Freeport Ill

WINDOW FRAMES—wood

Andersen Corp Bayport Minn (54-55)
Biles-Coleman Lbr Co Inc Omak Wash (68)
Bradley-Miller & Co Bay City Mich
California Redwood Distributors Ltd 35 E Wacker Dr Chgo Ill
Carr Adams & Collier Co Dubuque Ia (51)
Cole Mfg Co Memphis Tenn
Curtis Cos Inc Clinton Ia (27)
Farley & Loetscher Mfg Co Dubuque Ia
Frost Lumber Industries Inc Shreveport La
Gregg & Son Nashua N H (117)
Hallack & Howard Lumber Co Denver Colo
Hammond Lumber Co 417 Montgomery San Fran Cal
Huttig Mfg Co Muscatine Ia (108-109)
Huttig Sash & Door Co St Louis Mo
Ideal Co Box 889 Waco Tex
Kinzua Pine Mills Co Kinzua Ore (7)
Long-Bell Lbr Co Kansas City Mo
Long Lake Lbr Co Spokane Wash (86)
Missoula White Pine Sash Co Missoula Mont
Morgan Co Oshkosh Wis
Pacific Mutual Door Co Tacoma Wash (206)
J R Quigley Co Gloucester City N J
Roach & Musser Co Muscatine Ia (74)
Rock Island Sash & Door Wks Rock Island Ill
Segelke & Kohlhaus Co La Crosse Wis
Geo Silbernagel & Sons Co Wausau Wis (77)
Spokane Pine Prod Co Spokane Wash (86)
Trimpak Corp New Rochelle N Y
Western Pine Mfg Co Spokane Wash (118)
Weyerhaeuser Sales Corp St Paul Minn
Wheeler Osgood Sales Co Tacoma Wash (8)
White Pine Sash Co Spokane Wash

WINDOW GUARDS

Adams Co Dubuque Ia
Chamberlin Company of America Detroit Mich
Cincinnati Iron Fence Co Inc 4149 Spring Grove Ave Cincinnati 23 Ohio
P & F Corbin New Britain Conn
Cyclone Fence Div American Steel & Wire Co P O Box 260 Waukegan 1 Ill
Grand Rapids Wire Prod Co Grand Rapids Mich
Lockwood Hdwe Mfg Co Fitchburg Mass
Logan Co Inc Louisville 6 Ky
Mesker Bros 433 S 7th St Louis 2 Mo (62-63)
Natl Brass Co Grand Rapids Mich
Ney Mfg Co Canton O
John A Roebling's Sons Co Trenton N J
Russell & Erwin Mfg Co New Britain Conn (181)
Slaymaker Lock Co Lancaster Pa
F P Smith Wire & Iron Wks 2346 N Clybourn Av Chgo Ill
Southern Wire & Iron Wks 441 Memorial Dr S E Atlanta Ga
Starline Inc Harvard Ill
Stewart Iron Wks Co Inc Cincinnati O
A L Swett Iron Works Medina N Y
Wickwire Spencer Steel Co 500 5 Av NY NY (58)

Number in parenthesis indicates page on which advertisement appears

WINDOWS—aluminum

Aluminum Window Corp 34-29 10th Long Island City N Y (151)

WINDOWS—combination

Northern Wood Prods Co Holland Mich (16)
F C Russell Co Cleveland O
Marquart Millwork Co Oshkosh Wis

WINDOWS—doublehung, steel

S H Pomeroy Co Inc 25 Eastern Blvd NY NY
Soule Steel Co San Francisco 24 Cal
Truscon Steel Co Youngstown Ohio

WINDOWS—double hung, wood

Anderson Corp Bayport Minn (54-55)
Angel Novelty Co Fitchburg Mass
Anson & Gilkey Co Merrill Wis
Buffelen Lumber & Mfg Co Tacoma Wash
California Redwood Distributors Ltd 35 E Wacker Dr Chgo Ill
Carnahan Mfg Co Loogootee Ind
Carr Adams & Collier Co Dubuque Ia (51)
Cole Mfg Co Memphis Tenn
Curtis Companies Inc Clinton Ia (27)
Farley & Loetscher Mfg Co Dubuque Ia
Gregg & Son Nashua N H (117)
Huttig Mfg Co Muscatine Ia (108-109)
Huttig Sash & Door Co St Louis Mo
Ideal Co Box 889 Waco Tex
Marquart Millwork Co Oshkosh Wis
Missoula White Pine Sash Co Missoula Mont
Morgan Co Oshkosh Wis
N S W Co Detroit 7 Mich
Pacific Mutual Door Co Tacoma Wash (206)
J R Quigley Co Gloucester City N J
Roach & Musser Co Muscatine Ia (74)
Rock Island Sash & Door Wks Rock Island Ill
The R O W Sales Co Royal Oak Mich
Segelke & Kohlhaus Co La Crosse Wis
Geo J Silbernagel S S Michigan Av Chgo Ill (112)
Geo Silbernagel & Sons Co Wausau Wis
Western Pine Mfg Co Spokane Wash (118)
Weyerhaeuser Sales Co St Paul Minn
White Pine Sash Co Spokane Wash

WINDOWS—pivoted & projected, steel

Adams Co Dubuque Ia
Ceco Steel Prod Corp 5701 W 26 Chgo Ill
Crittall-Federal Inc Waukesha Wis
Detroit Steel Prod Co Detroit Mich
Michael Flynn Mfg Co 2247 E Allegheny Av Philadelphia 7 Pa
Hope's Windows Inc Jamestown N Y
International Steel Co Evansville Ind
Kewanee Mfg Co Kewanee Ill
Louden Mach Co Fairfield Iowa
Mesker Bros 433 S 7th St Louis 2 Mo (62-63)
Michel & Pfeffer Iron Wks Inc 1415 Harrison San Fran 3 Cal
Truscon Steel Co Youngstown 1 O

WINDOWS—steel basement

Adams Co Dubuque Ia
Wm Bayley Co Springfield O
Crittall Federal Waukesha Wis
Detroit Steel Prod Co Detroit Mich
The Donley Bros Co 13928 Miles Av Cleveland 5 Ohio
Michael Flynn Mfg Co 2247 E Allegheny Av Philadelphia 7 Pa
Gabriel Steel Co Detroit 12 Mich
Kewanee Mfg Co Kewanee Ill
Majestic Co Huntington Ind
Geo L Mesker & Co Evanston 8 Ind
Mesker Bros 433 S 7th St Louis 2 Mo (62-63)
Michel & Pfeffer Iron Wks Inc San Francisco Cal
Milcor Steel Co Milwaukee 4 Wis
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Starline Inc Harvard Ill
Truscon Steel Co Youngstown 1 O
U S Gypsum Co 300 W Adams Chgo 6 Ill (59)
Vento Steel Products Co 600 W 41st Chgo Ill

WINDOWS—steel casement

Crittall-Federal Inc Waukesha Wis
Detroit Steel Prod Co Detroit Mich
Michael Flynn Mfg Co 2247 E Allegheny Av Philadelphia 7 Pa
Hope's Windows Inc Jamestown N Y
Lundell-Eckberg Mfg Co Inc Jamestown N Y
Geo L Mesker & Co Evansville 8 Ind
Mesker Bros 433 S 7th St Louis 2 Mo (62-63)
Michel & Pfeffer Iron Wks Inc San Francisco Cal
Soule Steel Co San Francisco 24 Cal
Truscon Steel Co Youngstown 1 O
Vento Steel Products Co 600 W 41st Chgo Ill

WINDOWS—steel, storm

Adams Co Dubuque Ia
Detroit Steel Prod Co Detroit Mich
Hope's Windows Inc Jamestown N Y
Mesker Bros 433 S 7th St Louis Mo (62-63)
Truscon Steel Co Youngstown 1 O
Vento Steel Products Co 600 W 41st Chgo Ill

WINDOWS—wood, barn

Rock Island Sash & Door Wks Rock Island Ill

WINDOWS—wood basement

Andersen Corp Bayport Minn (54-55)
Angel Novelty Co Fitchburg Mass
Anson & Gilkey Co Merrill Wis
California Redwood Distributors Ltd 35 E Wacker Dr Chgo Ill
Carr Adams & Collier Co Dubuque Ia (51)
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Curtis Companies Inc Clinton Ia (27)
Farley & Loetscher Mfg Co Dubuque Ia
Gregg and Son Nashua N H (117)
Huttig Mfg Co Muscatine Ia (108-109)
Huttig Sash & Door Co St Louis Mo
Ideal Co Box 889 Waco Tex
Long Lake Lumber Co Spokane Wash (86)
Morgan Co Oshkosh Wis
Northwest Door Co Tacoma Wash
Pacific Mutual Door Co Tacoma Wash (206)
Roach & Musser Co Muscatine Ia (74)
Rock Island Sash & Door Works Rock Island Ill
Segelke & Kohlhaus Co La Crosse Wis
Geo J Silbernagel S S Michigan Av Chgo Ill (112)
Geo Silbernagel & Sons Co Wausau Wis (77)
Weyerhaeuser Sales Co St Paul Minn

WINDOWS—wood casement

Andersen Corp Bayport Minn (54-55)
Angel Novelty Co Fitchburg Mass
Anson & Gilkey Co Merrill Wis
California Redwood Distributors Ltd 35 E Wacker Dr Chgo Ill
Carnahan Mfg Co Loogootee Ind
Carr Adams & Collier Co Dubuque Ia (51)
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Curtis Companies Inc Clinton Ia (27)
Farley & Loetscher Mfg Co Dubuque Ia
Huttig Mfg Co Muscatine Ia
Huttig Mfg Co Muscatine Ia (108-109)
Ideal Co Box 889 Waco Tex
James Mfg Co Ft Atkinson Wis
Morgan Co Oshkosh Wis
Pacific Mutual Door Co Tacoma Wash (206)
J R Quigley Co Gloucester City N J
Roach & Musser Co Muscatine Ia (74)
Rolscreen Co Pella Iowa
Segelke & Kohlhaus Co La Crosse Wis
Geo J Silbernagel S S Michigan Av Chgo Ill (112)
Geo Silbernagel & Sons Co Wausau Wis (77)
Weyerhaeuser Sales Co St Paul Minn
White Pine Sash Co Spokane Wash

WINDOWS—wood, horizontal acting

Andersen Corp Bayport Minn (54-55)
Anson & Gilkey Co Merrill Wis
Farley & Lotscher Mfg Co Dubuque Ia
Morgan Co Oshkosh Wis

WINDOWS—wood, storm

Andersen Corp Bayport Minn (54-55)
Angel Novelty Co Fitchburg Mass
Anson & Gilkey Co Merrill Wis
California Redwood Distributors Ltd 35 E Wacker Dr Chgo Ill
Carr Adams & Collier Co Dubuque Ia (51)
Chamberlin Company of America Detroit Mich
Cole Mfg Co P O Box 2657 Memphis 2 Tenn
Curtis Companies Inc Clinton Ia (27)
Farley & Loetscher Mfg Co Dubuque Ia
Gregg and Son Nashua N H (117)
Huttig Mfg Co Muscatine Ia (108-109)
Huttig Sash & Door Co St Louis Mo
Kane Mfg Corp Kane Pa
Missoula White Pine Sash Co Missoula Mont
Morgan Co Oshkosh Wis
Northern Wood Products Co Holland Mich (16)
Northwest Door Co Tacoma Wash
Pacific Mutual Door Co Tacoma Wash (206)
Royal Glass Wks Corp 50-25 5th Long Island City 1 N Y
Segelke & Kohlhaus Co La Crosse Wis
Geo J Silbernagel S S Michigan Av Chgo 11 Ill (112)

WIRE—barbed

American Chain Link Fence Co Medford Mass
Amer Steel & Wire Co Cleveland 13 O (147)
Bethlehem Steel Co Bethlehem Pa
Columbia Steel Co Russ Bldg San Fran 6 Cal (147)
Continental Steel Corp Kokomo Ind
Indiana Steel & Wire Co Muncie Ind
Jones & Laughlin Corp Pittsburgh Pa
Keystone Steel & Wire Co Peoria Ill
Mid States Steel & Wire Co Crawfordsville Ind
Northwestern Steel & Wire Co Sterling Ill
Pittsburgh Steel Co Pittsburgh 30 Pa
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
Sheffield Steel Corp Kansas City Mo
Tennessee Coal Iron & Railroad Co Birmingham 2 Ala (147)
Wheeling Corrugating Co Wheeling W Va (34)
Wheeling Steel Corp Wheeling W Va
Wickwire Bros Inc Cortland N Y (20)

WIRE—galvanized steel

Acme Staple Co Camden N J
American Chain Link Fence Co Medford Mass
American Steel & Wire Co Cleveland O (147)
Bethlehem Steel Co Bethlehem Pa
Columbia Steel Co Russ Bldg San Fran 6 Cal (147)
Indiana Steel & Wire Co Muncie Ind
Johnson Steel & Wire Co Inc Worcester Mass
Jones & Laughlin Steel Corp Pittsburgh Pa
Joslyn Mfg & Supply Co 20 N Wacker Dr Chgo Ill
Keystone Steel & Wire Co Peoria Ill
Kokomo Steel & Wire Co Kokomo Ind
Mid-States Steel & Wire Co Crawfordsville Ind
Northwestern Steel & Wire Co Sterling Ill
Pittsburgh Steel Co Pittsburgh Pa
Republic Steel Corp Berger Mfg Div Canton 5 Ohio
John A. Roebling's Sons Co Trenton N J
Seneca Wire & Mfg Co Fostoria O (218)
Sheffield Steel Corp Kansas City Mo
Soule Steel Co San Francisco 24 Cal
Tennessee Coal Iron & Railroad Co Birmingham Ala (147)
Wheeling Corrugating Co Wheeling W Va (34)
Wheeling Steel Corp Wheeling W Va
Wickwire Bros Cortland N Y (20)
Wickwire Spencer Steel Company 500 Fifth Av NY 18 NY (58)
Youngstown Steel Prod Co Youngstown O

WOOD—balsa

Balsa Ecuador Lbr Corp 500 5th Av NY NY
C-W Plywood Co 9 S Clinton Chgo Ill
F C Luthi & Co Balter Bldg New Orleans 12 La (220)

WOOD—compregnated

Farley & Loetscher Mfg Co Dubuque Iowa
Pluswood Inc Oshkosh Wis

WOOD FILLER—plastic

Boyle-Midway Inc 257 Cornelison Av Jersey City 2 N J
Colorado Paint Co 3551 Blake Denver 5 Colo
Farwell Ozmun Kirk & Co St Paul 1 Minn
Gillespie Varnish Co Dey & Howell Sts Jersey City N J
Glidden Co Cleveland Ohio (12-13)
Grand Rapids Varnish Corp 565 Godfrey Av S W Grand Rapids 2 Mich
Pratt & Lambert Inc 75 Tonawanda Buffalo 7 NY
So-Lo Wks Inc Loveland O
The Sullivan Co P O Box 2606 Memphis 2 Tenn (219)

Number in parenthesis indicates page on which advertisement appears

Northeastern Lumber, Specialties and Other Items

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	W—North. White Pine N—Norway Pine	Eastern Hemlock	Eastern Spruce	Ash	Basswood	Beech	Birch	Cherry	Maple	Oak	Y—Yard & Shed Stock S—Softwood Flooring	D—Dimension T—Softwood Timbers	S—Bevel Siding H—Hardwood Flooring	A—Air Dried Rgh. Dimension K—K.D. Rgh. Dimension	F—Finished Dimension S—Semi-Finished Dimension	H—Hardwood Timbers V—Vehicle & Wagon Stock	B—Box Shook C—Crating	Other
MAINE																				
Augusta Lbr. Co., Augusta	MW		W	X	X														B	P
Collins Lbr. Co., Caribou	M				X															
J. G. Deering & Son, Biddeford	M		W	X	X							X								P
M. S. Hancock, Caseo	M		WN	X								X								
Timberlands Inc., Dixfield	M		WN																	
MASSACHUSETTS																				
Atlantic Lbr. Co., Boston— See adv. p. 78	MW	50				X	X	X	X	X	X	X						V		O
Chaffee Bros. Co., Oxford	M		WN	X		X	X	X	X		X	X							BC	
Fessenden Companies, Inc., Townsend	M		W									X								
NEW HAMPSHIRE																				
Johnson Lbr. Co., Manchester	MW		W				X	X	X		X	X							B	
The Kennett Co., Conway	M		WN	X	X							X								P
Langdell Lbr. Co., Milford	M		W	X																
Lisbon Co. Inc., Lisbon	M		W	X	X															
John R. Mathes & Son, Dover	M		W	X										D						
NEW YORK																				
Adirondack Core & Plug Co., Carthage	W		W	X	X	X	X	X	X	X	X	X		T						
The Blount Lbr. Co., Lacona	M					X		X	X	X	X				H					
H. M. Booher, Nedrow	M			X	X	X	X	X	X	X	X	X				AK				P
Cotton & Hanlon, Odessa	MW	30	W	X	X	X	X	X	X	X	X	X	Y	D	H	AK	F	HV	C	△
Elliott Hardwood Co., Potsdam	M	5						X	X	X	X									
Emporium Forestry Co., Conifer	M		W	X	X		X	X	X	X	X		YS	T	H	AK	S	H		
Farrell Lbr. Co., Poland	M			X	X	X	X	X	X	X	X									
Greene Lbr. Co., Greene	M		W	X		X	X	X			X	X				A				P
R. T. Jones Lbr. Co., N. Tonawanda	MW	35	WN	X	X								YS	DT	S	A			BC	O
A. Mason & Sons, Inc., Peru	M		W	X	X			X		X		X				AK			B	
J. H. Monteath Co., New York 9	MW			X		X	X	X	X	X	X	X								O
Oval Wood Dish Corp., Tupper Lake	M	25	W	X	X	X	X	X	X	X	X		Y	D					C	HP
Plunkett-Webster Lbr. Co. Inc., New Rochelle	MW	15	W	X	X	X	X	X	X	X	X	X								O
Treat-Nantke Co. Inc., No. Tonawanda	M*	10	W		X								Y		S					△
PENNSYLVANIA																				
Babcock Lbr. Co., Pittsburgh 19—See adv. p. 106	MW	35	W	X				X	X		X		YS	DT	SH			H	C	
Cooper-Smith Lbr. Co., Wilkes-Barre	MW		W	X		X	X	X	X	X	X	X		T		A				
Everett Hardwood Lbr. Co., Everett	MW	10	W	X		X	X	X	X	X	X	X	Y	DT		AK		H		O
Gray Chemical Co., Roulette	M							X	X	X	X									
Fisher & Young, Titusville	M		W	X			X	X		X	X	X				A				P

*—Custom Mfrs.
O—Other Woods

P—Poles and Piling
△—Mahogany

HP—Hardwood Pallets

Northeastern Lumber, Specialties and Other Items

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	W—North. White Pine N—Norway Pine	Eastern Hemlock	Eastern Spruce	Ash	Basswood	Beech	Birch	Cherry	Maple	Oak	Y—Yard & Shed Stock S—Softwood Flooring	D—Dimension T—Softwood Timbers	S—Bevel Siding H—Hardwood Flooring	A—Air Dried Rgh. Dimension K—K.D. Rgh. Dimension	F—Finished Dimension S—Semi-Finished Dimension	H—Hardwood Timbers V—Vehicle & Wagon Stock	B—Box Shook C—Crating	Other
PENNSYLVANIA—Continued																				
Endeavor Lbr. Co., Endeavor	M	5	W	X		X	X	X	X	X	X	X	Y	DT		A	F	H		
Wm. Schuette Co., Pittsburgh—See adv. p. 220	W		W																	O
VERMONT																				
C. E. & F. O. Burt Co., Stowe	M		W	X	X				X		X									
Holden & Martin Lbr. Co., Brattleboro	M		W	X	X							X								
Parker & Stearns, Johnson	MW																			
Plant & Griffith Lbr. Co., Jonesville	MW		W	X	X		X	X	X		X	X				A				
Ward Lbr. Co., Moretown	M		W	X				X	X		X	X								

O—Other Woods

Appalachian Hardwood Lumber, Specialties and Other Items

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	A—Ash B—Basswood	X—Beech B—Birch	C—Cherry Y—Chestnut	Z—Hickory H—Hard Maple	S—Soft Maple O—Red & White Oak	P—Poplar S—Sycamore	W—Walnut	A—A.D. Rough Dimension K—K.D. Rough Dimension	F—Finished Dimension S—Semi-Finished Dimension	G—Glued Up Dimension I—Interior Trim & Moulding	T—Thresholds, Treads, Risers W—Wall Paneling	C—Construction Boards T—Timbers	Vehicle & Wagon Stock	C—Crating Stock B—Bending Stock	Appalachian White Pine	S—Appalachian Spruce H—Appalachian Hemlock	P—Southern Pine H—Hardwood Flooring	Other
Anchor Lbr. Co., Parkersburg, W. Va.	MW	10	AB	XB	CY	ZH	SO	PS	W	AK		GI	T	T		CB	X	SH	H	
Atlanta Oak Flg. Co., Atlanta 1, Ga.	MW		AB	XB	CY	ZH	SO	PS	W	AK	FS	GI	TW		X		X		H	O
Atlantic Lbr. Co., 88 Broad St., Boston—See adv. p. 78	MW	50	AB	XB	CY	ZH	SO	PS	W					T	X	B			P	
Babcock Lbr. Co., Pittsburgh 19—See adv. p. 106	MW	35		XB	Y			P					T	CT		C				
L. N. Bagnal, P. O. Box 737, Winston-Salem, N. C.—See p. 79	W		AB	XB	Y	ZH	SO	PS	W	AK	FS	G				C			P	O
J. B. Belcher, Box 8, Bluefield, W. Va.—See adv. p. 46	MW	15	AB	XB	CY	ZH	SO	P	W					T		B				
Bristol Door & Lbr. Co., Bristol, Va.	M	6	AB	X	Y	H	SO	P				GI	T							
D. D. Brown, Elkins, W. Va.—See adv. p. 46	MW		AB	XB	CY	ZH	SO	P	W	AK				CT	X	C			P	
Carr Lbr. Co., Pisgah Forest, N. C.—See adv. p. 219	M	8			Y		SO	P				I					X		H	2
Cherry River Boom & Lbr. Co., Phila., Pa.—See adv. p. 46	MW	20	W	X	X	X	X	X	X	X	X	X	Y	D	H	AK	F	HV	C	
Christian Lbr. Co., Monticello, Ky.—See adv. p. 46	MW																			
Conasauga River Lbr. Co., Conasauga, Tenn.	M	16	AB	XB	C	Z	SO	P		A	F				X	C	X	H		
M. E. Crisp Lbr. Co., Welch, W. Va.—See adv. p. 46	M		AB	XB	CY	ZH	SO	P	W											3
Elk River Coal & Lbr. Co., Swandale, W. Va.—See adv. p. 46	M	6	AB	X		ZH	SO	P	W	A				T				H		3
Ely-Thomas Lbr. Co., Camden-on-Gauley, W. Va.	M																			
J. M. English Sons' Co., Asheville, N. C.	MW																			
M. B. Farrin Lbr. Co., Cincinnati, O.—See adv. p. 46	MW		AB	XB	Y	ZH	O	P											H	
Gennett Lbr. Co., Asheville, N. C.	M	18	AB	XB	CY	H	SO	P	W						X		X	H	H	
Georgia Hdwd. Lbr. Co., Augusta, Ga.—See adv. p. 161	MW	250	AB	XB	CY	ZH	SO	PS	W	AK			W	CT	X	CB	X	SH	PH	

1—Black Gum and Buckeye
2—Plastering Lath
3—Black Gum
△—Cypress, Engelmann Spruce, Sitka Spruce
O—Red & Sap Gum, Mahogany and Softwoods

Appalachian Hardwood Lumber, Specialties and Other Items

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	A—Ash B—Basswood	X—Beech B—Birch	C—Cherry Y—Chestnut	Z—Hickory H—Hard Maple	S—Soft Maple O—Red & White Oak	P—Poplar S—Sycamore	W—Walnut	A—A.D. Rough Dimension K—K.D. Rough Dimension	F—Finished Dimension S—Semi-Finished Dimension	G—Glued Up Dimension I—Interior Trim & Moulding	T—Thresholds, Treads, Risers W—Wall Paneling	C—Construction Boards T—Timbers	Vehicle & Wagon Stock	C—Crating Stock B—Bending Stock	Appalachian White Pine	S—Appalachian Spruce H—Appalachian Hemlock	P—Southern Pine H—Hardwood Flooring	Other
Hugo & Arthur Gernt, Allardt, Tenn.	M	12					O	P						T			X	H	P	
Griffith Lbr. Co., Huntington, W. Va.	MW	7	AB	XB	C	ZH	SO	P	W					T		B				
Grissom-Rakestraw Lbr. Co., Burnside, Ky.	MW																			
J. P. Hamer Lbr. Co., Kenova, W. Va.	MW	5	AB			H	O	P						T		B				
Hart-Thompson Lbr. Co., Barbourville, Ky.	M																			
Huntington Hardwood Co., Huntington, W. Va.	M																			
Hutton & Bourbonnais Co., Hickory, N. C.—See adv. p. 46	M	15			Y		O	P								C	X			
Inter-Mountain Coal & Lbr. Co., Elkins, W. Va.	M																			
Kitchen Lbr. Co., Ashland, Ky.	M		AB	X		ZH	S	P	W											3
Marshall Lbr. Co., Marion, N. C.	MW	15	AB	XB	CY	H	SO	P	W						V		X	H		1
May Hardwood Co., Louisville, Ky.—See adv. p. 46	W		B			H	SO	P	W											Z
McCracken & McCall Inc., Lexington 9, Ky.—See adv. p. 46	MW	5	AB	X		ZH	SO	P						CT	X	C				4
Meadow River Lbr. Co., Rainelle, W. Va.—See adv. p. 92	M	25	AB	XB	CY	ZH	SO	P		AK	FS	GI	T	T		B				5
Miller Bros. Co., Johnson City, Tenn.	M	25		XB		H	O				FS	GI	T						H	6
T. W. Minton & Co., Barbourville, Ky.	MW	5	AB	X		ZH	SO	P	W	AK	S			T	X	B				7
Moore, Keppel & Co., Ellamore, W. Va.	M		AB	XB	CY	ZH	SO	P												
Morrison, Gross & Co., Erwin, W. Va.—See adv. p. 46	M	6	AB	XB	C	H	SO	P												
Mountain Fork Lbr. Co., Bluefield, W. Va.	M																			
Mowbray & Robinson Lbr. Co., Cincinnati, O.—See adv. p. 46	M		AB	XB	CY	ZH	SO	P	W	A				T	X	CB				
The Mower Lbr. Co., Charleston 28, W. Va.—See adv. p. 78	MW	40	AB	XB	CY	ZH	SO	P	W					T	X	C		SH	H	
J. Natwick & Co., Baltimore 2, Md.	MW		AB	X	Y	H	SO	P						T					H	
Oakboro Lbr. Co., Lenoir, N. C.	M	10			Y		O	P									X	H	P	
Poinsett Lbr. & Mfg. Co., Pickens, S. C.	MW	12	AB	XB	CY	Z	SO	PS	W	AK	FS	GI	TW	T	X	CB	X	H	P	8
W. M. Ritter Lbr. Co., Columbus, O.—See adv. p. 46	M	50	AB	XB	CY	ZH	SO	P	W	AK			T			B		H	P	5
D. M. Rose & Co., Knoxville 4, Tenn.	M	5	AB	X	CY	ZH	SO	P	W	AK	S	GI	T	T	X				H	
Schilling Lbr. Co., Parkersburg, W. Va.	MW			X		Z	O	P	W	A				T		B				
Stearns Coal & Lbr. Co., Stearns, Ky.—See adv. p. 46	M	15	AB	XB	Y	H	SO	P		A							X	H	P	
Stimson Lbr. Co., Owensboro, Ky.—See adv. p. 46	M	12	AB	X		ZH	SO	PS	W					T				H		
Stuart Lbr. Corp., Stuart 10, Va.	M	4	A	XB	C		SO	PS	W			I	TW						H	6
Tennessee-Eastman Corp., Kingsport, Tenn.—See adv. p. 46	M						O	P												
Thompson Mahogany Co, Philadelphia 36, Pa.	M						O	P	W											TM
Vestal Lbr. & Mfg. Co., Knoxville, Tenn.—See adv. p. 46	M	40	AB	XB	CY	ZH	SO	PS	W	AK				T		CB	X	H	P	
Viall Lbr. Co., Barbourville, Ky.	M																			
Webster Hardwood Lbr. Co., Dixie, W. Va.	M																			
West Virginia Lbr. Co., Elkin, W. Va.—See adv. p. 46	MW	6	AB	XB	CY	ZH	SO	P		A				T		C		SH	H	
Williams-Brownell Planing Mill Co., Asheville, N. C.	MW																			
Wood-Mosaic Co. Inc., Louisville 9, Ky.—See adv. p. 46	M	20	AB	XB	C	ZH	SO	PS	W	AK				T	X	CB			H	
Wright-Bachman Lbr. Co., Forest City, N. C.	MW																			
J. Walter Wright Lbr. Co., Bristol, Tenn.	MW																			
Ziekgraf Hardwood Co., Franklin, N. C.	M																			

1—Black Gum and Buckeye
3—Black Gum
4—Black Gum, Buckeye, Poplar Bevel Siding
5—Poplar Bevel Siding
6—Aromatic Red Cedar
7—Rough Lumber, Broom Handles, Ladder Rungs, Wood Turnings
8—Hardwood Factory Lumber, Furniture Squares
Z—Butternut
TM—Furnish Veneers of practically all Species—Main Lumber Product Mahogany

Northern Hardwood, White Pine, Hemlock and Spruce Lumber and Specialties

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	W—Northern White Pine N—Norway Pine	H—Northern Hemlock S—Northern Spruce	A—Ash B—Basswood	B—Birch. X—Beech	X—Chestnut. C—Cherry	S—Soft Elm. R—Rock Elm	H—Hard Maple S—Soft Maple	Y—Yard & Shed Stock L—Lath	D—Dimension T—Timbers	S—Bevel Siding H—Hardwood Flooring	W—White Cedar Shingles L—Log Cabin Siding	F—Factory Lumber I—Industrial Cut Stock	A—Air Dried Rgh. Dimension K—K.D. Rgh. Dimension	F—Finished Dimension S—Semi-Fin. Dimension	G—Glued-up Dimension B—Bending Stock	H—Hardwood Timbers V—Veneer. P—Plywood	B—Construction Boards S—Box Shook. C—Crating	Other
Antrim Iron Co., Grand Rapids 2, Mich.	M	10	W	H	B	X		S	HS						A					
Chas. H. Barnaby, Greencastle, Ind.	M	5			AB	X	C	S	HS						A		B			O
Bay De Noquet Co., Chicago 4, Ill.	M	17	W	HS		XB			HS	Y	D									
Paul B. Berry, Grand Rapids 6, Mich.—See adv. p. 219	W					XB			HS											O
Bonifas-Gorman Lbr. Co., Chicago	M	15	W	HS	AB	B		S	HS	Y										
Wm. Bonifas Lbr. Co., Neenah, Wis.	M	20	W	HS	AB	B		S	HS	L										O□
Bowler Lbr. Co., Bowler, Wis.	MW	3	W	H	AB	XB	C	RS	HS	Y										3
Cadillac-Soo Lbr. Co., Grand Rapids 2, Mich.	M	15	W	HS	AB	XB		S	HS	YL				F						
Chesbrough Lbr. Co., Newberry, Mich.	M				A	B		S	HS											
C. M. Christiansen Co., Phelps, Wis.	M	16	W	HS	AB	B		S	HS	Y	D		L							O
Clark Dickerson Lbr. Co., Reed City, Mich.	MW		W	H	AB	XB		RS	HS											
Cleereman & Jauquet Lbr. Co., Newald, Wis.	M	4	W	H	AB	B		RS	HS	Y	T			F	A				BC	
Cleveland Cliffs Iron Co., Negaunee, Mich.																				
Connor Lbr. & Land Co., Marshfield, Wis.—See adv. p. 114	M	50	W	HS	AB	B		RS	HS	Y	D	H	W	F	AK					
Copeland Lbr. Co., Chicago, Ill.	MW	42	W	H	AB	XB	C	S	HS										C	△
Diamond Pole & Piling Co., Escanaba, Mich.	M	4	W	HS		X			HS											
John E. Fink Lbr. Co., Cable, Wis.	M																			
Abbott Fox Lbr. Co., Iron Mountain, Mich.	M	16	W	H	AB	B		RS	HS	Y			L	F						
Fry-Fulton Lbr. Co., St. Louis 4, Mo.	W		W			B			H											
Gillies Bros., Braeside, Ont., Canada.—See adv. p. 220	M	30	W							Y	D			F						
Goodman Lbr. Co., Goodman, Wis.	MW	18	W	HS	AB	XB		RS	HS	YL	D	S	L	FI	AK	FS	B	HV	SC	
John Hawley, Ontonagon, Mich.	MW																			
Edw. Hines Lbr. Co., Park Falls, Wis.—See adv. p. 39	M		W	HS	AB	B		RS	HS	Y	T				AK				C	
Holt Hardwood Co., Oconto, Wis.—See adv. p. 94	W				B	XB		S	HS			H								*O
Knoke Lbr. Co., Appleton, Wis.	MW	4	W	H	AB	XB	C	RS	HS	Y	T			F	A				BC	4
Lake Superior Lbr. Corp., Ontonagon, Mich.	M		W	H	AB			RS	HS	Y					AK					
Marathon Paper Mills Co., Ironwood, Mich.	M	11			AB	B		S	HS											
Menominee Indian Mills, Neopit, Wis.—See adv. p. 120	M	22	W	H	AB	XB		RS	HS											O
Menzner Lbr. & Supply Co., Marathon, Wis.	MW																			
Michigan Dimension Co., Manistique, Mich.	M											H			K	FS	G			
Michigan Pole & Tie Co., Newberry, Mich.	MW	8	WN	HS	AB	XB	C		HS	Y	T			F		S		H	BC	★
Michigan Maple Block Co., Petoskey, Mich.	MW	8	WN	HS	AB	XB		S	HS			S	WL	FI	AK	S			C	
Newberry Lbr. & Chemical Co., Newberry, Mich.	M																			
Frank Paxton Lbr. Co., Kansas City 3	W				AB	XB	XC	S	HS			H		FI						O
Rainy Lake Lbr. Co., Ltd., Chicago 2, Ill.—See adv. p. 112	MW		WN	S						YL	D	S	L	F						
Rib Lake Lbr. Co., Rib Lake, Wis.—See adv. p. 56	MW	40	W	HS	AB	B		RS	HS	YL	DT	SH	W				B	H	C	O
Robbins Flooring Co., Rhinelander, Wis.	M											H								
Roddis Lbr. & Veneer Co., Marshfield, Wis.	M		W	H	AB	B		RS	HS	Y		H	W					P		†
Thunder Lake Lbr. Co., Rhinelander, Wis.	M	10	W	HS	AB	B		S	HS	Y										
Underwood Veneer Co., Bessemer, Mich.	M		W		AB	B		S	H	Y								VP		
M. J. Wallrich Land & Lbr. Co., Shawano, Wis.	MW	5	WN	HS	AB	XB	X	RS	HS	YL	DT	S	L	F					C	5
Yawkey-Bissell Lbr. Co., White Lake, Wis.	M	40	W	H	AB	B		RS	HS	Y	DT	H			AK					

*—Graded Hardwood Sawdust
★—Cedar Poles, Ties, Posts
□ Hardwood Squares
†—Hdwd. Ven'nd Doors
△—Vehicle & Wagon Stock
O—Other Woods
3—Red Oak
TL—Ties and Logs
4—Cottonwood, Hickory, Butternut
5—Red & White Oak, Yellow Poplar

Southern Hardwood Lumber, Specialties and Other Items

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	A—Ash B—Basswood	X—Beech. C—Cherry	Y—Cottonwood. E—Elm	G—Red & Sap Gum B—Black Gum	T—Tupelo H—Hickory	M—Magnolia S—Soft Maple	O—Red & White Oak P—Pecan	X—Poplar S—Sycamore	W—Walnut L—Willow	A—A.D. Rough Dimension K—K.D. Rough Dimension	F—Finished Dimension S—Semi-Finished Dimension	G—Glued-up Dimension I—Interior Trim & Mouldings	T—Thresholds, Treads, Risers W—Wall Paneling	C—Construction Boards T—Timbers	V—Vehicle & Wagon Stock C—Crating	P—Southern Pine C—Cypress	R—Red Cedar W—White Cedar	Other
ALABAMA																				
S. B. Adams Co., Mobile	M	12	AB	X	YE	GB	TH	MS	O	XS	W					CT	VC	C		#
Cathey Lumber Co., Montgomery	M	18	AB	X	YE	GB	TH	MS	OP	XS						CT		PS		#
Clarke County Lbr. Co., Thomasville	W					GB	T		O	X						CT		P		
Fisher Bros. Lbr. Co., Tuscaloosa	M	9		X	E	GB	TH	S	OP							CT		PC		△
Hallett Mfg. Co., Inc., Mobile 2	M	8	A	X	YE	GB	TH	MS	OP	XS		AK	F	I	T					
Miller & Co., Inc., Selma	M	36	AB	X	YE	GB	TH	MS	O	XS	W	A				T	VC	PC		#
Mobile River Sawmill Co., Mt. Vernon	M	20	A		Y	GB	T	M	O	P						CT	C	C		△ #
Pine Plume Lbr. Co., Montgomery 1—See adv. p. 92	MW	40	A	X	YE	GB	TH	MS	O	XS						C	C	P		
Scotch Lbr. Co., Fulton	M	25				G				X		AK	F							
Sears Lbr. Co., Mobile	M		A	X	YE	GB	T	M	O	X						T				
W. C. Smith Lbr. Co., Montgomery 3—See adv. p. 214	W		A			GB	TH	M	O	X	L					C		P		
W. T. Smith Lbr. Co., Chapman—See adv. p. 220	M	60	AB	XC	YE	GB	TH	MS	OP	XS						T		PC		★
Smith Lbr. Co., Red Bay	M	25	A	X	E	GB	TH	S	O	XS		A	F			CT	C	PC	R	*●
Vredenburg Saw Mill Co., Vredenburg	M	15	A		Y	GB	T	M	O	XS						T		PC		
J. W. Wells Lbr. Co., Montgomery 1	M	100	AB	X	YE	GB	TH	MS	OP	XS						CT		PC		†
Williams & Voris Saw Mill Co., Birmingham	M	6	AB	X	E	GB	T	S	O	XS						CT	VC	P		*△
Youngerman-Reynolds Lbr. Co., Montgomery.—See adv. p. 50	MW		A	X	YE	GB	T		O	X						CT	C	PC		
ARKANSAS																				
J. W. Black Lbr. Co., Corning	M	5	A		YE	GB	TH	S	O							CT	V			*#
Bradley Lbr. Co. of Ark., Warren—See adv. p. 47	M	50		X	E	GB	H		OP	S			S	GI	TW	CT	C	PC		
Breece-White Mfg. Co., Eudora	M	8	A		YE	G		S	OP	S	L					T		C		
Crossett Lbr. Co., Crossett	M	48	A	X	E	GB			OP	S		AK		I	TW	CT	VC	PC		#
Dacus Lbr. Co., West Memphis	M	8	A		YE	GB	TH	S	OP	S	L					T		C		
F. T. Dooley Lbr. Co., Brinkley	M	8	A		YE	GB		S	O	S						T		C		
Fordyce Lbr. Co., Fordyce	M	24	AB	XC	E	GB	H	S	O	S		AK	FS	I	TW	CT	VC	PC		#
Howe Lbr. Co., Helena	M	6	A		Y	G		S	OP	S	L					T				
Keystone Lbr. Co., Camden	M	14				GB			O							T		P		
McLean-Arkansas Lbr. Co., Little Rock	M	8	A		YE	GB			O	S						T		C		
Northern Ohio Co., Parkin	M	6	A		YE	GB	T	S	OP	S						T		C		
Ozan Lbr. Co., Prescott—See adv. p. 72	M	25	A		E	GB	TH		OP	S	L	K				CT		C		
Reynolds-Gammill Lbr. Co., El Dorado	M	30	A	X	E	GB	T		O							CT	C	PC		
Carlton Smith, Bearden	M												S	G						
Southern Lbr. Co., Warren	M	20		X		G	H		O			K	F	I	TW	CT	C	PC		
Sparkman Hardwood Lbr. Co., Sparkman	M	8	AB	X	E	GB			O	S						CT	C	C		RT
Stimson-Katterhenry Trust, Dumas	M	9	A		E	G			O							T		C		
Townsend Bros., Stuttgart	M	14			YE	G			OP	S	L					T				
Wheeler Lbr. Co., Pine Bluff	M	7	A	X	YE	GB	T	S	O	S						T		C		
J. L. Williams & Sons, Sheridan	M	12				GB	TH		O							CT	V	P		●
Williams Mfg. Co., Sheridan	MW	25				GB	T		O	S			S			T	V	P		I
W. R. Wrape Stave Co., Little Rock	M	20				GB	T		OP				FS	GI	TW					
DISTRICT OF COLUMBIA																				
Paul B. Kern Lbr. Co., Washington	W		AB	X		GB	T		SO	X								PC		
FLORIDA																				
Foley Lbr. Industries, Jacksonville 1	W					GB	T	MS	O	X						T		PC		
Paterson-McInnis Lbr. Co., Gulf Hammock	M	25	AB	C	E	GB	T	MS	OP							T		PC	R	

#—Bending Stock
△—Poplar Aircraft Stock
★—Birch
*—Car Material
†—Veneer
RT—R.R. Ties, Mine Ties
●—2x4 & Wdr. R/L Gr. Dimension
1—4/4 K. D. Gum S2S

Southern Hardwood Lumber, Specialties and Other Items

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	A—Ash B—Basswood	X—Beech. C—Cherry	Y—Cottonwood. E—Elm	G—Red & Sap Gum B—Black Gum	T—Tupelo H—Hickory	M—Magnolia S—Soft Maple	O—Red & White Oak P—Pecan	X—Poplar S—Sycamore	W—Walnut L—Willow	A—A.D. Rough Dimension K—K.D. Rough Dimension	F—Finished Dimension S—Semi-Finished Dimension	G—Glued-up Dimension I—Interior Trim & Mouldings	T—Thresholds, Treads, Risers W—Wall Paneling	C—Construction Boards T—Timbers	V—Vehicle & Wagon Stock C—Crating	P—Southern Pine C—Cypress	R—Red Cedar W—White Cedar	Other
FLORIDA—Continued																				
Jerome H. Sheip Co. Inc., Apalachicola	M	14	A		Y	GB	T		O				S	G		CT		C		
St. Joe Lbr. & Export Co., Port St. Joe	M	24	A			GB	T	M		X						CT	C	PC		*
Thomas Lbr. & Mfg. Co., Quincy	M	8			E	G	T	M		X						T		P		
GEORGIA																				
Augusta Hardwood Co., Augusta—See adv. p. 50	M	12	A		YE	GB	TH	MS	O	XS		AK						PC		
Chatsworth Lbr. Co., Chatsworth	M	9							O	X						T	C	P		
Chattahoochee Valley Lbr. Co., La Grange—See p. 220	M	12	A			G			O	X							C	P		
Cleveland-Oconee Lbr. Co., Toomsboro	MW	6	A		YE	GB	TH	MS	O	XS						CT	C	PC		
Georgia Hardwood Lbr. Co., Augusta—See adv. pp. 50, 161	MW	250	AB	XC	YE	GB	TH	MS	OP	XS	WL	AK			W	CT	VC	PC	RW	Z
Jeffreys-McElrath Mfg. Co., Macon	M	45	A		Y	GB		S	O	XS								P		1
McCann Lbr. Co., Doctortown	M	12	A		E	G	T	MS	O	X		K				CT		PC		
Northcutt Lbr. Sales Corp., Sandersville	W		A	X	YE	GB	TH	MS	O	XS								PC		
Pratt Lbr. Co., Covington	M					GB	T	S	O	X						C		P		
Reynolds Bros. Lbr. Co., Albany	M	12	A	X	YE	G	TH	MS	O	XS		AK	S	I	T	CT		PC		△1
Reynolds & Manley Lbr. Co., Savannah—See adv. p. 50	M	18	A		E	GB	T	MS	O	X						T	C	PC		
Rush Lbr. Co., Hawkinsville	M	12	A	X	YE	GB	T	M	OP	XS						CT		C		
J. W. Starr & Sons Lbr. Co., Atlanta	M	25				GB			O	X		A	F			T	VC	P		
Sullivan Lbr. Co., Preston	M	15	A	X	YE	GB	TH	MS	O											
Swainsboro Lbr. Co., Swainsboro	MW	12	A		YE	GB	HT	MS	O	XS								PC		
ILLINOIS																				
Chicago Mill & Lbr. Co., Chicago 2—See p. 50	M	75	A		YE	GB		S	OP	S	L	AK				T				12
Graham Lbr. Co., Chicago 4—See adv. p. 110	W		B			GB	T	S	O	X							C			V
Geo. J. Silbernagel, Chicago 3—See adv. p. 112	W					GB	T													
KANSAS																				
Frank Paxton Lbr. Co., Kansas City 3	W		AB	XC	YE	GB	TH	MS	OP	XS	WL				W		V	PC	R	2
KENTUCKY																				
W. P. Brown & Sons Lbr. Co., Louisville	M	24				GB	T		O	X						CT		P		
Gamble Bros. Inc., Louisville	M												FS	G	T					
The Mengel Co., Louisville 1—See adv. p. 36	M	20	AB	X	YE	GB	TH	MS	OP	XS	L	AK	FS	G	W			C		12
R. C. Owen Co., Hopkinsville	M	12	A	XC	YE	GB	H	S	O	XS	W	AK	FS	I	TW	T	V		R	
Stimson Lbr. Co., Owensboro—See adv. p. 46	M	8	AB	X	E	G	H	S	O	XS						T				
LOUISIANA																				
Davis Bros. Lbr. Co. Ltd., Ansley	M	9	A	X	E	GB	H		O											
Frost Lbr. Industries, Shreveport	M	175	AB	XC	YE	GB	TH	MS	OP	S		K	S	I	TW	CT	VC	PC		6
Hardwood Lbr. Co. of La. Inc., Lake Charles	M	14				G	T	M	O							T		C		
Hillyer Deutsch Edwards Inc., Oakdale	M	24	A	XC	YE	GB	TH	M	OP	S	L	AK	FS	G		T	VC	PC		#
J. W. Jeffries Lbr. Co., Shreveport	M	8	AB	X	YE	GB	TH	MS	OP	S						CT		PC		*
Kellogg Lbr. Co., Monroe	M	9	AB	X	YE	GB	TH	MS	OP	XS	L					CT		C		*
King-Edwards-Fuller Co., St. Francisville	M	17	AB	XC	YE	GB	TH	MS	OP	XS	WL					CT	VC	PC		*
Louisiana Central Lbr. Co., Clarks—See adv. p. 50	M	12	A	X	E	GB		M	OP	XS						CT	V	C		
F. C. Luthi & Co., New Orleans 12—See adv. p. 220	W																			I
Mansfield Hardwood Lbr. Co., Shreveport	M	24	AB	XC	YE	GB	TH	M	OP	S				I		CT	VC	PC		*3

#—Bending Stock
△—Poplar Aircraft Stock
*—Car Material
12—Boxes, Box Shook, Plywood & Veneer

1—Boxes, Box Shook
2—Plywood & Veneer
3—Box Shook
V—Veneer

5—Tupelo Drawer Sides
I—Importers Balsa, Balsa Substitutes, Mahogany
6—Car Material, Bending Stock, Treated Lumber

Z—Buckeye, Butternut, Hackberry, Mahogany, Teak
4—Green Oak Timbers & Posts, Rough

Southern Hardwood Lumber, Specialties and Other Items

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	A—Ash B—Basswood	X—Beech. C—Cherry	E—Elm. Y—Cottonwood	G—Red & Sap Gum B—Black Gum	T—Tupelo H—Hickory	M—Magnolia S—Soft Maple	O—Red and White Oak P—Pecan	X—Poplar S—Sycamore	W—Walnut L—Willow	A—A.D. Rough Dimension K—K.D. Rough Dimension	F—Finished Dimension S—Semi-Finished Dimension	G—Glued-up Dimension I—Interior Trim & Mouldings	T—Thresholds, Treads, Risers W—Wall Paneling	C—Construction Boards T—Timbers	V—Vehicle & Wagon Stock C—Crating	P—Southern Pine C—Cypress	R—Red Cedar W—White Cedar	Other
LOUISIANA—Continued																				
Roy O. Martin Lbr. Co., Alexandria	M	10	A	X	E	GB	TH	MS	OP	S	L				W	CT	C	PC		
May Bros., Garden City	M	10	AB	X	YE	GB	TH	MS	OP	S	L					T		PC		#5
McCarroll Lbr. Co., Denham Springs	M	8		X		GB	TH	M	OP	XS						T		PC		4
Newellton Hardwood Co., Newellton	M	9	A		YE	G		S	OP	S	L					T		C		
Schwing Lbr. & Shingle Co., Plaquemine	M	15			YE	G	T	S	OP	S	L			I		CT		C		EC
E. Sondheimer Co., Sondheimer—See adv. p. 50	M	11	A		YE	G	TH	S	OP	S	L					T		C		
Thistlethwaite Lbr. Co., Opelousas	M	8	AB	X	YE	GB	TH	M	OP	S	L							C		
Tremont Lbr. Co., Rochelle	M		A	XC	YE	GB	H	M	OP	XS					T	T	V	C		*
Turner Lbr. Co., Le Moyen	M	11	AB		YE	GB	T	S	OP	S	L					T		C		
Urania Lbr. Co., Urania—See adv. p. 38	M	18	A	X	E	GB	TH	M	OP	XS		A	S			CT	VC	PC		
Weaver Bros. Lbr. Co., Shreveport	M	12	AB	XC	YE	GB	TH	MS	OP	S						T		PC		
Woodard-Walker-Bowen, Inc., Shreveport 94—See adv. p. 212	W			X		GB			O								C	PC		
MARYLAND																				
John Taylor, Catonsville 28	W		A	X	YE	GB	T	S	O	X								P		
MASSACHUSETTS																				
Atlantic Lbr. Co., Boston—See adv. p. 78	M	50	AB	XC	YE	GB	TH	MS	OP	XS	WL					T	V	PC	R	#
MISSISSIPPI																				
Bailey Lbr. Co., Ltd., Laurel—See adv. p. 50	M	12	AB	X	YE	GB	TH	MS	O	XS						CT	VC	PC		*#
Burdette Lbr. Co., Meridian	MW	25				5	5		O	X						T		P		
Denkmann Lbr. Co., Canton	M	18	A	X	E	GB	TH	MS	O	XS		AK	F	G		T	C	PC		
De Weese Lbr. Co., Philadelphia—See adv. p. 218	M	20				GB			O	X		A	F			C		P		#6
D. L. Fair Lbr. Co., Louisville	M	65				G			OP	X			F	I	T	CT	C	P		
Gooch Bros. Lbr. Co., Yazoo City	M	7	AB	X	YE	GB	H	S	O	XS						T		C		
D. H. Hall Lbr. Co., Columbus	M	7	A	X	YE	GB	T	S	OP	XS						T		C		*
Hall-Inzer Lbr. Co., Amory	M	5	A	X	YE	GB	T	S	OP	XS	WL					T		PC		*
Hall & Neely, New Albany	M	5	A	X	YE	GB	TH	S	O	XS	W					T		C		
Henderson-Molpus Co., Philadelphia	M	12		X		GB	T		O	X		AK	F	I	T	T	C	P		
Houston Bros., Vicksburg	M	10	AB	XC	YE	GB	TH	MS	OP	XS	WL	A	S			T	VC	PC		
J. M. Jones Lbr. Co., Natchez—See adv. p. 50	M	24	AB	XC	YE	GB	TH	MS	OP	XS	L	AK	S			CT	VC	PC		#
R. S. Learned & Son, Natchez	M	9			Y				OP		L					T				
Link-Newcomb Mill & Lbr. Co., Tchula	M	12	AB	X	YE	GB	TH	S	OP	XS	L					CT	C	C		
McGraw-Curran Lbr. Co., Yazoo City—See adv. p. 50	M	9	B	XC	YE	GB	TH	MS	OP	XS	L					T		C		
W. A. Ransom Lbr. Co., Natchez	M	12	AB	XC	YE	GB	TH	MS	OP	XS	L					CT	V	C		*△
Sallis Lbr. Co., Brandon	M		AB	XC	YE	GB		MS	O	X								P		
Stewart-Farris & Myers Lbr. Co., Morton—See adv. p. 92	M	15	A	X	E	GB	T	M		XS		AK	FS	I		C	C	P		
R. A. Vinton Lbr. Co., Greenwood	M	7	A	X	YE	GB	TH	S	OP	XS	L					T		C		
Wallin Lbr. Co., Columbus	M	7	A	X	YE	GB	TH	S	OP	XS						CT	C	PC		
Wax Lbr. Co., Woodville—See adv. p. 50	M	18	AB	XC	YE	GB	TH	MS	OP	XS	WL	A	F			CT	C	PC		
Williams & Voris Hardwood Co., Jackson	M	5	AB	XC	YE	GB	TH	MS	OP	XS						T		C		
W. W. Woody Lbr. Co., Keirn	M	5	A	X	YE	GB	TH	S	OP	XS	L					T		C		
MISSOURI																				
Canthook Lbr. Co., St. Louis 1	MW				YE	G		S	O	XS						CT		PC		
Dierks Lbr. & Coal Co., Kansas City 6—See adv. p. 215	M	100				GB			O			AK		I	T	C	C	P		
Exchange Sawmills Sales Co., Kansas City 6—See adv. p. 200	MW	60	A	X		GB	T	M	OP	XS	L					C	C	PC		
W. T. Ferguson Lbr. Co., St. Louis 1—See adv. p. 80	MW	50	A	X	YE	GB	T	MS	O	XS	L	AK	S			CT	VC	PC		8
Fry-Fulton Lbr. Co., St. Louis 4	W		AB	XC	YE	GB	TH	MS	OP	XS	WL	AK								7

#—Bending Stock
*—Car Material
EC—Egg Case Ends & Centers

6—Rgh. Bds., Finished Bds.
△—Poplar Aircraft Stock
EC—Egg Case Ends & Centers

1—Boxes, Boxshook
3—Box Shook
4—Box Shook and Grain Doors

5—Gum and Other Soft Hardwoods Mixed
7—Mahogany
8—Grain Doors

Southern Hardwood Lumber, Specialties and Other Items

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	A—Ash B—Basswood	X—Beech. C—Cherry	E—Elm. Y—Cottonwood	G—Red & Sap Gum B—Black Gum	T—Tupelo H—Hickory	M—Magnolia S—Soft Maple	O—Red and Dhlte Oak P—Pecan	X—Poplar S—Sycamore	W—Walnut L—Willow	A—A.D. Rough Dimension K—K.D. Rough Dimension	F—Finished Dimension S—Semi-Finished Dimension	G—Glued-up Dimension I—Interior Trim & Mouldings	T—Threshold, Treads, Risers W—Wall Paneling	C—Construction Boards T—Timbers	V—Vehicle & Wagon Stock C—Crating	P—Southern Pine C—Cypress	R—Red Cedar W—White Cedar	Other
MISSOURI—Continued																				
Gaines Hardwood Lbr. Co., St. Louis	MW		AB	XC	YE	GB	TH	MS	OP	XS	WL					T	V	C	R	*#
Gideon-Anderson Lbr. Co., Gideon	M	6			YE		T	S		S							C	C		1
Hobac Veneer & Lbr. Co., Caruthersville	M	7	A		YE	G		S	OP	S						T		C		
M. E. Leming Lbr. Co., Cape Girardeau	M	4		X	YE	G	H	S	OP	XS	L					CT		C		4
Long-Bell Lbr. Co., Kansas City 6	M		AB	X	E	GB	TH	S	O	XS						T		P		*
Midland Valley Lbr. Co., St. Louis 8	MW	12	AB	XC	YE	GB	TH	MS	OP	XS	WL					C	VC	PC	RW	
Sabine Lbr. Co., St. Louis	M	75	AB	X	YE	GB	H	M	OP	S		A				T		P		
Thomas & Proetz Lbr. Co., St. Louis	MW		A	XC	YE	GB	T	MS	OP	XS	WL	A	S			CT	C	PC		
H. E. Webster Lbr. Co., Kansas City 6.	W		AB	X	YE	G	TH	MS	OP	XS	WL							PC	R	
NORTH CAROLINA																				
L. N. Bagnal, P. O. Box 737, Winston-Salem—See adv. p. 79	W		AB	X	YE	GB	TH	MS	O	X	L	AK	FS	G	W		C			12
P. M. Barger Lbr. Co., Statesville—See adv. p. 68	W		AB	XC	YE	GB	TH	MS	OP	XS	L						C	PC	R	
E. N. Beard Lbr. Co., Greensboro	MW	4				G	T	S	O							T		C		
C. K. Callaham & Sons Lbr. Co., Charlotte			A	X	YE	GB	TH	MS	O	XS	L					CT	VC	P		
J. E. Elrod Lbr. Co., Charlotte—See adv. p. 80	MW							S		X						CT		PC		
Gennett Lbr. Co., Asheville																				
Greene Bros. Lbr. Co., Elizabethtown	M	15				G	T	S	O	X								PC		
Saunders & Cox, Williamston	M	7	A		Y	GB	T	S	O	S						CT		PC		
So. Atlantic Lbr. Co., Greensboro	MW						T		O	X						C	C	PC		
W. M. Storey Lbr. Co., Winston-Salem	MW					GB	T		O	X						CT	C	P		
Triplett Lbr. Co., Lenoir—See adv. p. 215	W					GB	T		O	X						CT	C	PC		
SOUTH CAROLINA																				
Argent Lbr. Co., Hardeeville	M	18	A			GB	T	S		X				I	W	C				4
Brooklyn Cooperage Co., Sumter	M	30	A		Y	G	T				•	AK						C		
Coastal Lbr. Co., Lake City	M	7	A		YE	GB	T	S	O	XS						CT		PC		10
Conway Lbr. Co., Conway	M	12				GB	T	S		X						T		PC		10
Hoffman Lbr. Co., Columbia	M	12	A		YE	GB	T	S	O	XS						CT		C		10
Holly Hill Lbr. Co., Holly Hill	M	17	A		YE	GB	T	S	O	XS		AK	FS	I	W	CT	C	PC		11
Holly Hill Cypress Co., Holly Hill	M	19	A		E	GB	H	S	O	X					T	CT		PC		10
Korn Industries, Inc., Sumter	M	15	A		YE	GB	T	S	O	XS		AK	FS	GI	TW	CT	C	PC		14
Lexington Lbr. Co., Columbia	M	15	A		Y	GB	T	S	O	XS						CT	C	PC		
Lightsey Bros., Miley—See adv. pp. 50-106	M	18	A		E	G	T	S	O	X						T		PC		
Santee River Hardwood Co., St. Stephen	M	12	A		YE	GB	TH	S	OP	XS								PC		10
TENNESSEE																				
Anderson-Tully Co., Memphis 10—See adv. p. 50	M	75	AB	XC	YE	GB	TH	MS	OP	XS	WL	AK	FS	G	T		VC	PC		12
Bellgrade Lbr. Co., Memphis	M	24	AB	X	YE	GB	TH	MS	OP	XS	WL					T		C		
C. P. Bodine Lbr. Co., Memphis	MW	7			YE	GB	T	S	OP	S						T		C		
A. M. Bowen Lbr. Co., Dyersburg	M	7	AB	X	YE	GB		S	O	XS		A				C	C	C		11
E. L. Bruce Co., Memphis 1—See adv. p. 9	M	100	AB	X	YE	GB	TH	MS	OP	XS		AK	FS	GI	T	T		PC		
Farris Hardwood Lbr. Co., Nashville																				
Chapman & Dewey Lbr. Co., Memphis—See adv. p. 50	M	18	A	X	YE	GB	TH	S	OP	XS	L			I	TW	CT	C	C		10
Frank A. Conkling Co., Memphis 3	MW	15	AB	X	YE	GB	TH	MS	OP	XS	L	AK	S	G		T	VC	C		12

*—Car Material
10—Cypress Siding
11—Poplar & Cypress Siding
12—Plywood & Veneer
#—Bending Stock
14—Gum Veneer, Flitches & Logs
4—All Items Hardwood Lumber for Furniture Trade

Southern Hardwood Lumber, Specialties and Other Items

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	A—Ash B—Basswood	X—Beech. C—Cherry	Y—Cottonwood. E—Elm	G—Red & Sap Gum B—Black Gum	T—Tupelo H—Hickory	M—Magnolia S—Soft Maple	O—Red & White Oak P—Pecan	X—Poplar S—Sycamore	W—Walnut L—Willow	A—A.D. Rough Dimension K—K.D. Rough Dimension	F—Finished Dimension S—Semi-Finished Dimension	G—Glued-up Dimension I—Interior Trim & Mouldings	T—Thresholds, Treads, Risers W—Wall Paneling	C—Construction Boards T—Timbers	V—Vehicle & Wagon Stock C—Crating	P—Southern Pine C—Cypress	R—Red Cedar W—White Cedar	Other
TENNESSEE—Continued																				
Fulton Band Mill, Memphis	M	7		X	YE	GB	T		O	XS						T		C		
C. M. Gooch Lbr. Co., Memphis	M	32	AB	XC	YE	GB	TH	MS	OP	XS	WL					T		C		
Hutcheson Lbr. Co., Jackson	M	4	A		Y	G		S	O	XS								C		
Jackson Sawmill Co., Jackson	M	9	A	X	YE	GB	T	S	O	XS	W					T	VC			#
Miller & Co., Jackson	M	4	A	XC	YE	GB	TH	S	O	XS	W					T	V	C	R	#
Miss.-Valley Hardwood Co., Memphis	M	26	A	X	YE	GB	TH	MS	OP	XS	WL							C		14
Nickey Bros., Inc., Memphis 12	MW	12	AB	XC	YE	GB	TH	MS	OP	XS	WL	AK	FS	I	TW	CT	V	C	R	
Phillips Lbr. Co., Memphis 4—See adv. p. 118	W		A	XC	YE	GB	TH	S	OP	XS	WL	AK	FS	GI	TW	CT	V			15
Shannon Bros. Lbr. Co., Memphis	M		A	X	YE	G	T	S	OP	S	L	A				T		C		
The Southern Star Lbr. Co., McKenzie	M	5	A	XC	E	GB	TH	S	O	XS	W									
James E. Stark Co., Memphis 10	M		AB	XC	YE	GB	TH	S	OP	XS	WL		FS	GI	TW	T	V	C	R	16
Thompson-Katz Lbr. Co., Memphis	W		A																	17
United Timber & Lbr. Co., Memphis	M	6	AB	XC	YE	GB	TH	MS	O	XS	L	A				CT		PC		18
Vestal Lbr. & Mfg. Co., Knoxville—See adv. p. 46	M	40	AB	XC	YE	GB	TH	S	OP	XS	WL	AK				T	C	PC	R	#
Walker & Smith Lbr. Co., McMinnville	MW	5	AB	XC	E		H		O	X	W					T			R	
Welsh Lbr. Co., Memphis	M	11	A	X	YE	GB	TH	S	OP	XS	L					T		C		
Williams & Voris Lbr. Co., Chattanooga	M	8	AB	XC	YE	GB	TH	MS	O	XS	W				T	CT	V	PC	RW	
Woods Lbr. Co., Memphis—See adv. p. 50	MW	20	AB	X	YE	GB	TH	MS	OP	XS	WL									
Bedna Young Lbr. Co., Jackson	MW					G		S	O	X						T				
TEXAS																				
Angelina Hardwood Sales Co., Lufkin	M	26	A		E	GB	TH	MS	OP	S	W	AK	FS			CT	VC	C		
W. T. Carter & Bro., Houston	M	8	AB	X	E	GB	H	M	O	S						CT	V	PC		•
Cloud Lumber Corp., Beaumont	M	7			E	GB	TH	M	OP			AK	FS			CT	V	PC		•
Edens-Birch Lbr. Co., Corrigan	M	25	A		E	GB		M	OP	S			F							
J. S. Hunt Lbr. Co., Nacogdoches—See adv. p. 116	M					GB	T		O			A						P		
Kirby Lbr. Corp., Houston 1—See adv. p. 208	M	110	A	X	E	GB	H	M	OP	S			S			T		PC		
Sabine Lbr. Co., Houston	M	75	AB	X	YE	GB	H	MS	OP	S	WL	A				T	C	PC		
Southern Pine Lbr. Co., Texarkana—See adv. p. 67	M	90	AB	XC	YE	GB	TH	M	OP	S	W	K	FS	GI	T	T		PC		
E. A. Stewart Lbr. Co., Texarkana	M	37	A		YE	GB	TH		OP		WL	AK	FS	I	T	CT	V	C		• #
J. E. Stone Lbr. Co., Nacogdoches—See adv. p. 50	M	12	A	X	E	GB	H	M	O	S	W			I	W	CT	VC	P		•
Temple Lbr. Co., Pineland	M	9	AB	X	E	GB	H	MS	O			AK	FS	G	T	CT		C		•
Tilford-Hunt Lbr. Co., Nacogdoches—See adv. p. 116	MW	18				GB	T		O			A						P		
VIRGINIA																				
Camp Mfg. Co., Franklin	M	70	A	X	E	GB	T	S	O	XS				I		CT	C	PC	W	10
Richmond Cedar Works, Norfolk	M	33	A		E	GB	T	S	O	X				I	W	CT	C	PC	W	19
Williams & McKeithan Lbr. Co., Lynchburg	MW	40	A	X		GB	TH	S	O	XS		A	F			CT	C			

7—Bending Stock
10—Cypress Siding
15—Stacking Sticks
16—K.D. Casket Shells, Completed Furniture & Parts, Show Cases
17—Ash Specialists
18—Hickory Dimension, Ski Billets
*—Car Material
19—Cypress Siding—Also Stacking Sticks

Southern Pine, Cypress, Hardwoods, Specialties

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	Shortleaf Yellow Pine	Longleaf Yellow Pine	Cypress	Southern Hardwoods	Yard & Shed Stock	D—Dimension T—Timbers	L—Lath C—Cedar Closet Lining	Interior Trim & Mouldings	X—Pine Bev. Sd. D—Drop Sd. C—Cyp. Sd. P.—Poplar Sd.	Flooring X—Pine. C—Cypress	H—Hardwood Flooring C—Hardwood Constr. Boards	F—Factory Lumber I—Industrial Cut Stock	X—Box Shook & Crating C—Crating Only	K. D. Window & Door Frames	L—Log Cabin Siding K—Knotty Paneling	R—Roofers. B—Boards	C—Car Material T—Treated Stock	Other
ALABAMA																				
Allison Lbr. Co., Bellamy	M	24	X			X	X	DT	L	X	XP	X		I	X			B		
Beatrice Lbr. Co., Beatrice	M	12	X			X	X	DT												
W. A. Belcher Lbr. Co., Birmingham	MW	20	X	X			X	DT	L	X	X	X			C					
W. E. Belcher Lbr. Co., Centerville	M	30	X	X		X	X	DT	L	X	X	X								
A. B. Carroll Lbr. Co., Hurtsboro	M	25	X															R		
Clarke County Lbr. Co., Thomasville	W		X	X		X	X	DT					H		X					O
Dadeville Lumber Co., Dadeville	M	20	X	X		X	X	DT		X	D	X								
F. M. Downing Lbr. Co., Gordo	MW	15	X			X	X	T			D									P
Foshee Lbr. Co., Box 544, Montgomery	M	12	X	X		X	X								C					
Gulf Lbr. Co., Mobile	M	30	X	X			X	D			X	X		I						
Hallett Mfg. Co. Inc., Box 171, Mobile	M	8	X		X	X	X	DT		X	X		H	F						
Jefferson Lbr. Co., Birmingham	MW	45	X	X				DT			X	X							C	
W. M. McGowin Lbr. Co., Pine Apple	M	18	X	X		X	X	DT			D	X						R		
Miller & Co., Inc., Selma	M	36	X	X	X	X		DT												
T. R. Miller Mill Co., Brewton	M	25	X	X			X	DT	C		X	X	HC	I	X			BR	CT	
Nettles Lbr. Co., Land	M	18	X	X			X	DT			X	X								
Pine Plume Lbr. Co., Montgomery—See adv. p. 92	MW	40	X	X		X	X	D			XC	X		I	X				C	
Ralph Lbr. Co., Hillwood	M	15		X		X	X	DT			X	X		I	X					
Scotch Lbr. Co., Fulton	M	25	X	X		X	X	DT		X		X	H							
Shepherd Lbr. Corp., Montgomery	M	15	X			X	X	D			X	X			C					
Sims Lumber Co., Selma	M		X	X		X	X	D		X										
Smith Lbr. Co., Red Bay	M	25	X		X	X	X	DT	C		XP	X	C	FI	X					
W. C. Smith Lbr. Co., Montgomery 3—See adv. p. 214	W		X	X		X	X	DT	L			X	HC	I	X					
W. T. Smith Lbr. Co., Chapman—See adv. p. 220	M	60	X	X	X	X	X	DT	L	X	X	X		I	X				C	
M. W. Smith Lbr. Co., Jackson	M	30	X	X		X	X	DT			X	X		I						
Steel City Lbr. Co., Birmingham 3	W		X	X	X	X	X	DT	L	X	XC	X	H					BR		O
Stringfellow Lbr. Co., Birmingham—See adv. p. 214	MW		X					T				X			C			R		
Summerville Bros. Lbr. Co., Aliceville	M	10	X			X		D							C			B		
J. W. Wells Lbr. Co., Montgomery	MW	100	X	X	X	X	X	DT						I						
Wood Lbr. Co., Birmingham	MW		X	X		X	X	DT							XC			BR	CT	
ARKANSAS																				
Bradley Lbr. Co. of Ark., Warren—See adv. p. 47	MW	50	X		X	X	X	D	C	X	XC	X	HC	FI	X	X	LK			
Cook Co., A. B., Malvern	M		X				X	D		X	X	X	H							
Fordyce-Crossett Sales Co., Crossett & Fordyce	M	100	X		X	X	X	DT	L	X	X	X	H	FI	X	X			T	
Ozan Lbr. Co., Prescott—See adv. p. 72	M	25	X			X	X	D	L	X	X	X		F	X		L			
Pierce & Young Lbr. Co., Morrilton	M	30	X			X	X	DT			X	X							C	
Southern Lbr. Co., Warren	M	45	X			X	X	DT	L	X	X	X	H	FI	X					
Southern Pine Lbr. Co. (See Texas Listing)																				
Waldo Lbr. Co., Waldo	M	15	X				X	DT		X	X	X								
Williams Mfg. Co., Sheridan	MW	25	X			X	X	T				X		FI						
DISTRICT OF COLUMBIA																				
Paul B. Kern Lbr. Co., Washington	W		X		X	X	X	D		X	X	X			C			B		O
FLORIDA																				
Alger-Sullivan Lbr. Co., Century—See adv. p. 60	M	25		X			X	T		X	X	X						B	C	
Brooks-Scanlon Corp., Foley—See adv. p. 71	M	100		X			X	DT	L	X	X	X		I					T	
Cummer Sons Cypress Co., Jacksonville	M	15			X		X	DT		X	X			F		X	L			S

P—Posts S—Cypress Shingles O—Other Softwoods DT—Dimension Stock & Oak Timbers

Southern Pine, Cypress, Hardwoods, Specialties

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	Shortleaf Yellow Pine	Longleaf Yellow Pine	Cypress	Southern Hardwoods	Yard & Shed Stock	D—Dimension T—Timbers	L—Lath C—Cedar Closet Lining	Interior Trim & Mouldings	X—Pine Bev. Sd. D—Drop Sd. C—Cyp. Sd. P—Poplar Sd.	Flooring X—Pine. C—Cypress	H—Hardwood Flooring C—Hardwood Constr. Boards	F—Factory Lumber I—Industrial Cut Stock	X—Box Shook & Crating C—Crating Only	K. D. Window & Door Frames	L—Log Cabin Siding K—Knotty Paneling	R—Roofers. B—Boards	C—Car Material T—Treated Stock	Other
FLORIDA—Continued																				
Foley Lbr. Industries, Jacksonville 1	W		X	X	X	X	X	DT	L		DC	XC	H	F				B	T	
C. J. Jones Lbr. Co., Everglades	M	12		X	X			T			X	X		I	X				C	
Lee Cypress Co., Perry	M	35			X		X	DT						FI	X					
Neal Lbr. & Mfg. Co., Blountstown	M	12	X	X			X	DT			D	X								
Peavy-Wilson Lbr. Co., Holopaw—See adv. p. 114	MW	30		X	X		X	DT			XC	X		FI	X				C	
Putnam Lbr. & Export Co., Jacksonville	M	50	X	X	X	X	X	DT	L	X	X	X		FI		X			C	
Thomas Lbr. & Mfg. Co., Quincy	M	12	X	X		X	X	D	L	X	X	X	H	X	X	X	X	B	C	
GEORGIA																				
Alexander Bros. Lbr. Co., Columbus	M	15	X			X	X	D												
W. R. Altman Lbr. Co. Inc., Sylvania	M	10	X	X	X	X		T		X	X	X						R		
Atlanta Oak Flooring Co., Atlanta	MW				X	X				X		X	H	FI			K			G
Augusta Hardwood Co., Augusta—See adv. p. 50	M	20	X	X	X	X	X	DT		X	XP	X						BR		
J. N. Bray Lbr. Co., Valdosta	M	10	X	X			X	DT		X	D	X						R		
Brownlee Lbr. Mfg. Co., Cedartown	M	6	X			X	X													
Chatsworth Lbr. Co., Chatsworth	M	10	X			X	X	DT			XP	X		FI						N
Chattahoochee Valley Lbr. Co., La Grange—See adv. p. 220	M	12	X			X	X													HC
Dolan Lbr. Co., Augusta	MW	40	X	X		X		T				D			X					
Georgia Hardwood Lbr. Co., Augusta—See adv. p. 161	MW	250	X	X	X	X	X	DT	L	X	CP	X	H	FI	X					
Mose Gordon Lbr. Co., Commerce	M	30	X			X	X	DT			D	X							C	
Hancock Lbr. Co., Quitman	M	30	X	X		X	X	DT		X	X							R		
Jeffreys-McElrath Lbr. Co., Macon	M	45	X			X	X	DT		IT	X	X		F	X			R		
Northcutt Lbr. Sales Corp., Sandersville	W		X	X	X	X	X	D												
Reynolds Bros. Lbr. Co., Albany	M	15	X		X	X		T		IT	X				X			R		
Reynolds & Manley Lbr. Co., Savannah—See adv. p. 50	M	18	X	X	X	X	X	DT			XC	X								
J. W. Starr & Sons Lbr. Co., Atlanta	M	25	X	X		X		DT			X			FI	X		K	RB		
Sullivan Lbr. Co., Box 32, Preston	M	15	X			X	X				X	X			X					
ILLINOIS																				
Edward Hines Lbr. Co., Chicago 2—See adv. p. 39	MW	140	X	X	X	X	X	DT		X	X			FI			K			O
Graham Lbr. Co., Chicago 4—See adv. p. 110	W		X	X		X								F	X					SH
KANSAS																				
Frank Paxton Lbr. Co., Kansas City 3	W		X		X	X							H	FI						SH
KENTUCKY																				
W. P. Brown & Sons Lbr. Co., Louisville	M	60	X	X	X	X	X	DT		X	D	X							CT	
Mengel Co., Louisville 1—See adv. p. 36	M	20			X	X														YG
McCracken & McCall, Inc., Lexington—See adv. p. 46	MW	5				A					P		C					B		
Stearns Coal & Lbr. Co., Stearns—See adv. p. 46	M	15	X			A	X	D												
LOUISIANA																				
J. A. Bentley Lbr. Co., Zimmerman	M			X				DT												
Colfax Lbr. & Creosoting Co., Colfax	M	10	X				X	DT			X	X							T	
Crowell Long Leaf Lbr. Co., Inc., Long Leaf	M		X	X			X	DT		X	X	X		I						
Davis Bros. Lbr. Co., Ansley	M	20	X			X		D		X	X	X								
Frost Hardwood Floors Inc., Shreveport	M		X	X	X	X			C				H						T	
Frost Lbr. Industries Inc., Shreveport	M	175	X		X	X	X	DT	LC	X	XC	X	HC	FI	X	X	LK	BR	CT	

N—Northern White Pine
HC—Hardwood Crating Stock
O—Other Softwoods
Y—Doors
A—Appalachian
S—Cypress Shingles
G—Glued-up Dimension
YG—Doors, Also Glued-up Dimension
SH—Other Softwoods and Hardwoods

Southern Pine, Cypress, Hardwoods, Specialties

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	Shortleaf Yellow Pine	Longleaf Yellow Pine	Cypress	Southern Hardwoods	Yard & Shed Stock	D—Dimension T—Timbers	L—Lath C—Cedar Closet Lining	Interior Trim & Mouldings	X—Pine Bev. Sd. D—Drop Sd. C—Cyp. Sd. P—Poplar Sd.	Flooring X—Pine. C—Cypress	H—Hardwood Flooring C—Hardwood Constr. Boards	F—Factory Lumber I—Industrial Cut Stock	X—Box Shook & Crating C—Crating Only	K. D. Window & Door Frames	L—Log Cabin Siding K—Knotty Paneling	R—Roofers. B—Boards	C—Car Material T—Treated Stock	Other
LOUISIANA—Continued																				
H. D. Foote Lbr. Co., Alexandria	M	14	X	X		X	X	DT			X	X	C	FI				B	C	
La. Cypress Lbr. Co., Ponchatoula	M				X															
La. Long Leaf Lbr. Co. (See Exch. Sawmills, Kansas City, Mo.)																				
Mansfield Hardwood Lbr. Co., Shreveport	M	60	X			X	X	DT		X	X	X							C	
Roy O. Martin Lbr. Co., Castor	M	10	X		X	X	X	DT				X								VL
McCarroll Lbr. Co., Denham Springs	M	12	X		X	X		DT		X	X	X								
Thomas Lbr. Co., Winnfield	M	20	X	X			X	DT		X	X	X							C	
Tremont Lbr. Co., Rochelle	M	40	X	X	X	X	X	DT	L	X	X	X	H	I	C			B	C	
Urania Lumber Co., Urania—See adv. p. 38	M	18	X	X	X	X	X	DT		X	X	X	C	F					C	
J. P. Voss Lbr. Co., Dubach	M	10	X		X	X		DT			X	X						B		
Walthall Lbr. Co., Hammond	M	4	X	X				T		X	X	X		F					C	
Woodard-Walker-Bowen, Inc., Shreveport 94—See adv. p. 212	W		X		X	X	X	DT		X	X	X		I	X				C	
MARYLAND																				
John Taylor, Catonsville 28	W		X	X		X	X	DT		X	X	X						BR		O
MASSACHUSETTS																				
Atlantic Lbr. Co., Boston—See adv. p. 78	MW	50	X	X	X	X			C											
MISSISSIPPI																				
Belmont Lbr. Co., Charleston	M	12	X				X	T							C				C	
J. R. Buckwalter Lbr. Co., Union	M		X			X	X	D			X	X								
Burdette Lbr. Co., Meridian	MW	25	X	X		X	X	DT	L					FI						
Central Lumber Co., Brookhaven	M	25	X			X	X	DT	L	X	X	X		I						
Crosby Lbr. & Mfg. Co., Crosby	M		X	X		X	X	DT	L	X	X	X	H	FI	X				C	
L. N. Dantzler Lbr. Co., Moss Point	M	12	X	X				DT			D	X								
Deemer Lbr. Co., Deemer	MW	22	X			X	X	DT			X									
Denkmann Lbr. Co., Canton	M		X		X	X	X	DT	L	X	X			FI	X				T	
A. DeWeese Lbr. Co., Philadelphia—See adv. p. 218	M	20	X			X	X	DT		X	DP	X	C	FI	X			B		
D. L. Fair Lbr. Co., Louisville	M	30	X			X	X	DT	L	X	X	X	H	FI		X				
C. L. Gray Lbr. Co., Meridian	M	15	X			X	X	DT				X	C					B		
Henderson-Molpus Co., Philadelphia	M	12	X			X	X	DT			X	X		F	X					
Houston Bros., Vicksburg	M	10	X		X	X	X	DT			PC	X			X					
J. M. Jones Lbr. Co., Natchez—See adv. p. 50	M	24	X			X	X	D			X	X								
S. E. Lackey Lbr. Co., Forest	M	18	X	X		X	X	DT		X	X	X		FI				B		
Sallis Lbr. Co., Brandon	M		X			X	X	D				X								
Stewart-Farris & Myers Lbr. Co., Morton—See adv. p. 92	M	15	X				X	D		X	X	X	C		X	X				2
Wax Lbr. Co., Woodville—See adv. p. 50	M	15	X			X		DT			D	X								
Wogan-Wilson Land & Lbr. Co., Meridian	MA	18	X	X		X	X	DT			DP	X	C		C			B	C	
MISSOURI																				
Caddo River Lbr. Co., Kansas City	MW	45	X				X	DT	L	X	X	X		FI					C	
Canthook Lbr. Co., St. Louis	MW		X		X	X								FI	X					
Dierks Lbr. & Coal Co., Kansas City 6—See adv. p. 215	M	100	X			X	X	DT	L	X	X	X	H	I	X	X	L	B	C	
Exchange Sawmills Sales Co., Kansas City—See adv. p. 200	MW	60	X		X	X	X	DT		X	X	X	H	FI	X				C	
W. T. Ferguson Lbr. Co., St. Louis—See adv. p. 80	MW	50	X	X	X	X	X	DT	L		XC	X	HC	FI	X			BR	CT	1
Fleishel Lbr. Co., St. Louis—See adv. p. 90	M	37	X		X	X	X	DT	L	IT	XC	XC		FI	X				C	
Hill-Behan Lbr. Co., St. Louis	MW		X				X	D												

RC—Red Cedar Siding & Shingles VL—Veneer Logs MA—Mfrs. Agt. 2—Boxes and Box Shook 1—Red Cedar Siding and Shingles, Poles and Piling

Southern Pine, Cypress, Hardwoods, Specialties

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	Shortleaf Yellow Pine	Longleaf Yellow Pine	Cypress	Southern Hardwoods	Yard & Shed Stock	D—Dimension T—Timbers	L—Lath C—Cedar Closet Lining	Interior Trim and Mouldings	X—Pine Sdg. D—Drop Sdg. C—Cyp. Sdg. P—Poplar Sdg.	Flooring X—Pine. C—Cypress	H—Hardwood Flooring C—Hardwood Constr. Boards	F—Factory Lumber I—Industrial Cut Stock	X—Box Shook & Crating C—Crating only	K.D. Window & Door Frames	L—Log Cabin Siding K—Knotty Paneling	R—Roofers. B—Boards	C—Car Material T—Treated Stock	Other
MISSOURI—Continued																				
Long-Bell Lbr. Co., Kansas City	M		X			X	X	DT		X		X	H	FI	X	X				
Midland Valley Lbr. Co., St. Louis 8	MW	8	X	X	X	X			C											WC
Sabine Lbr. Co., St. Louis 1	M	75	X			X	X	DT		X	X	X		FI	X					EM
U. S. Cedar Corp., St. Louis 8	MW								C											WC
H. E. Webster Lbr. Co., Kansas City 6	W		X	X	X	X	X	DT		X	X	X	H	FI						
NEW YORK																				
Atlantic Lbr. Co., Buffalo—See adv. p. 78	MW	50	X	X	X	X			C											
J. Herbert Bate Co., New York	MW		X		X	X	X	DT		X	X	X			C					RC
Cotton & Hanlon, Odessa	MW	30	X			X	X	D					H	F				BR		1
NORTH CAROLINA																				
Albemarle Lbr. Co., Elizabeth City	MW	21	X		X	X		T		IT		X						B		NS
L. N. Bagnal, P. O. Box 737, Winston-Salem—See adv. p. 79	W		X		X	X								F	X					O
P. M. Barger Lbr. Co., Statesville—See adv. p. 68	W		X	X	X	X	X	DT	C	X	XP	X	H		C	X	LK	BR		
Geo. C. Brown & Co., Greensboro—See adv. p. 216	MW					X			C											S
C. K. Callaham & Sons Lbr. Co., Inc., P. O. Bx. 1, Charlotte 1			X	X	X	X	X	DT			X	X					K			
Carr Lbr. Co., Pisgah Forest—See adv. p. 219	M	8				A			L				H							
Ellington-Fay Lbr. Co., Fayetteville	MW	12	X		X	X		T		IT	X	X		F	C					NS
J. E. Elrod Lbr. Co., Charlotte—See adv. p. 80	MW		X	X	X	X	X	DT	L	X	X	X		F					T	SD
Eureka Lbr. Co., Washington	M	15	X			X		T										BR		
Greene Bros. Lbr. Co., Elizabethtown	M	15	X		X	X	X					X								
Hutton & Bourbonnais Co., Hickory, N. C.—See adv. p. 46	M		X			A		DT		IT	X	X			X				C	
Jeffreys-Myers Mfg. Co., Oxford	M	30	X			X		DT			D	X			X			R		
McLeod & Sinclair, Laurinburg	M	15	X	X				DT		IT	X	X						R		
Oakboro Lbr. Co., Lenoir	M	10	X			A	X				X	X		I	X					SD
John C. Shepherd Lbr. Corp., Charlotte 1	W		X	X	X	X	X	DT		X	XC	X	HC	F	X				CT	2
South Atlantic Lbr. Co., Greensboro	MW	40	X		X	X								I	X			R		
W. M. Storey Lbr. Co., Winston-Salem	MW		X			X	X	DT				X		FI	X					
Triplett Lbr. Co., Lenoir—See adv. p. 215	W		X	X	X	X	X	T			X	X		F	X		K			A
PENNSYLVANIA																				
Babcock Lbr. Co., Pittsburgh 19—See adv. p. 106	MW	35	X	X	X	X	X	DT	C	X	C	X	HC	F	XC					
SOUTH CAROLINA																				
Argent Lbr. Co., Hardeeville	M	18	X	X	X	X	X			X	XC	X			X		LK	R	C	
Brooklyn Cooperage Co., Sumter	M	30			X	X														
Brown Lbr. Co., West Union	M	9	X					T		X	D	X						R		J
Hendrix Mill & Lbr. Co., Estill	M	14	X	X	X	X		T				X								
Lexington Lbr. Co., Columbia	M	36	X	X	X	X		T		X	X	X						R		J
Lightsey Bros., Miley—See adv. pp. 50, 106	M	18	X	X	X	X	X	DT		X	X	X	H					BR		
Mullins Lbr. Co., Mullins	M	18	X		X	X		T		X	X	X			C			R		J
Santee River Hardwood Co., St. Stephen	M	12	X		X	X	X	T			XC								T	
TENNESSEE																				
Anderson Tully Co., Memphis 10—See adv. p. 50	M		X		X	X					P		H	FI	X					PG
Bond-Woolf & Co., Inc., Alcoa	M	20	X			X		D				X	H					B		F
E. L. Bruce Co., Memphis 1—See adv. p. 9	M	100	X		X	X	X	DT	C		X	X	H	FI						
Frank A. Conkling Co., Memphis 3	MW	15			X	X														P
Nickey Bros., Memphis 12	MW	12			X	X			C	X	XC		H							

WC—Southern White Cedar A—Appalachian SD—Sash & Door Cut Stock P—Plywood 1—Pine Mill, Mayo, Va. 2—Nosed Stepping and Finish
EM—End Matched Y.P. Flg. & Sheathing NS—Nosed stepping J—Jambs F—Finish A—Appalachian White Pine, Box Shook,
RC—Red Cedar Sdg. & Shingles. S—Specialist in Cedar PG—Plywood & Glued-up Stock R. R. Materials

Southern Pine, Cypress, Hardwoods, Specialties

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	Shortleaf Yellow Pine	Longleaf Yellow Pine	Cypress	Southern Hardwoods	Yard & Shed Stock	D—Dimension T—Timbers	L—Lath C—Cedar Closet Lining	Interior Trim & Mouldings	X—Pine Sdg. D—Drop Sdg. C—Cyp. Sdg. P—Poplar Sdg.	Flooring X—Pine. C—Cypress	H—Hardwood Flooring C—Hardwood Constr. Boards	F—Factory Lumber I—Industrial Cut Stock	X—Box Shook & Crating C—Crating only	K.D. Window & Door Frames	L—Log Cabin Siding K—Knotty Paneling	B—Boards R—Rosers	C—Car Material T—Treated Stock	Other
TENNESSEE—Continued																				
Phillips Lbr. Co., Memphis 4—See adv. p. 118	W		X	X	X	X		DT	C					I	X					P
Riggs-Buttram Lbr. Co., Athens	M	12	X			X		DT										B		
D. M. Rose & Co., Knoxville	M								C	X	X		H	I		X				G
Shannon Bros. Lbr. Co., Memphis	M				X	X	X	T						F						
James E. Stark Co., Memphis 10	M	12			X		X	DT	C			C		FI						G
Vestal Lbr. & Mfg. Co., Knoxville—See adv. p. 46	M	40	X	X	X	X	X	T												
Woods Lbr. Co., Memphis—See adv. p. 50	MW	20			X	X		T												
TEXAS																				
Angelina County Lbr. Co., Keltys	MW	30	X				X	DT	L	X	X						K		C	
Boettcher Lbr. Co., Huntsville	MW	24	X				X	DT	L	IT	X	X							C	
W. T. Carter & Bro., Houston	M	60	X			X	X	DT		X	X	X			C					FJ
Cloud Lbr. Corp., Beaumont	M	14	X	X		X	X	DT		IT	X	X		I	C	X				FJ
Edens-Birch Lbr. Co., Corrigan	M	25	X	X		X	X													
Haslam Lbr. Co., Haslam	M	12	X				X	DT		X	X	X			X					F
Kirby Lbr. Corp., Houston—See adv. p. 208	M	110	X	X	X	X	X	DT		X	X	X	H	I			L		C	
Sabine Lbr. Co., Houston	M	75	X			X	X	DT		X	X	X		FI	X					EM
Southern Pine Lbr. Co., Texarkana—See adv. p. 67	M	90	X	X	X	X	X	DT	L	X	X	X	H	I	X		L			G
J. E. Stone Lbr. Co., Nacogdoches—See adv. p. 50	M	30	X			X	X	DT		X	X	X			C				C	
T. O. Sutton & Sons, Chireno	M	10	X			X	X	DT			X	X						B		
Texas Creosoting Co., Orange—See adv. p. 76								T											T	CL
Tilford-Hunt Lbr. Co., Nacogdoches—See adv. p. 116	MW	18	X			X	X	DT			X	X		F						
VIRGINIA																				
Barnes Lbr. Corp., Charlottesville	M	39	X			X		DT		X		X	H	I		X				
M. T. Blassingham & Co. Inc., Norfolk	MW		X	X	X	X	X	DT			X	X	HC	FI		X		BR	CT	
Boydton Mfg. Co., Boydton	M	12	X			X		DT					H		X					
Burruss Land & Lbr. Co., Lynchburg	MW	65	X			X	X	DT						F				BR	C	S
Camp Mfg. Co., Franklin	M	40	X		X	X	X	D	L	X		X			X					
Colonial Pine Co., Petersburg	M	18	X					D				X			X			BR		
Williams & McKeithan Lbr. Co., Lynchburg	MW	40	X	X	X	X	X	DT			X	X	C	F	X			BR		

F—Finish
J—Jambs
S—Shiplap
EM—End-Matched Y.P. Flg.
G—Glued-up Stock
P—Plywood
CL—Creosoted Lumber, Cross Arms, Piling, Poles, Ties.

Ponderosa Pine, Sugar Pine, White Fir, Incense Cedar, Douglas Fir, Redwood

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	Ponderosa Pine	Sugar Pine	W—White Fir I—Incense Cedar	Douglas Fir	Redwood	Yard and Shed Stock	D—Dimension T—Timbers	L—Lath P—S.R. Pickets	Mouldings	S—Bevel Siding F—Flooring	Factory Lumber	I—Industrial Cut Stock G—Glued-Up Stock	Sash and Door Cut Stock	Box Shook and Crating	K. D. Window and Dr. Frames	Sash, Doors, Screens	C—Log Cabin Siding K—Knotty Paneling	Other
ARIZONA																				
Navajo Tribal Sawmill, Window Rock	M	12	X					X	DT				X							
Saginaw & Manistee Lbr. Co., Flagstaff	M	45	X					X	D				X			X				
Southwest Lbr. Mills, Inc., McNary—See adv. p. 86	M	100	X					X	D	L	X	S	X	I		X			K	IT
CALIFORNIA																				
Angels Box & Lbr. Co., Angels Camp	M	12	X	X	WI	X		X	DT				X							

IT—Interior Trim

Ponderosa Pine, Sugar Pine, White Fir, Incense Cedar, Douglas Fir, Redwood

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	Ponderosa Pine	Sugar Pine	W—White Fir I—Incense Cedar	Douglas Fir	Redwood	Yard and Shed Stock	D—Dimension T—Timbers	L—Lath P—S.R. Pickets	Mouldings	S—Bevel Siding F—Flooring	Factory Lumber	I—Industrial Cut Stock G—Glued-Up Stock	Sash and Door Cut Stock	Box Shook and Crating	K. D. Window & Door Frames	Sash, Doors, Screens	C—Log Cabin Siding K—Knotty Paneling	Other
CALIFORNIA—Continued																				
Byles-Jamison Lbr. Co., Box 1404, Fresno	M	15	X	X	W			X					X							
California Door Co., Diamond Spring	M	30	X	X	WI	X		X	D				X			X				
Calif. Redwood Distributors, Chicago 1, Ill.	MW	250					X	X	DT	LP	X	SF	X	IG					C	RS
Cal. Sugar & West. Pine Agcy., San Francisco—See adv. p. 220	W		X	X	W	X		X	D		X		X	I	X	X				
Clover Valley Lbr. Co., Loyalton—See adv. p. 116	M	48	X		WI	X		X	DT		X	S	X			X				RT
Sam S. Crowley Lbr. Co., Mineral	M	10	X	X	W			X	D				X							
Deschutes Lbr. Co., Anderson	M	35	X	X	W	X		X	D			S	X							
Diamond Match Co., Chico	M	52	X	X	WI	X		X	DT		X	S	X	IG	X	X	X	X	K	
[2]Dolbeer & Carson Lbr. Co., 465 Calif. St., San Francisco 4	M	40					X	X	DT		X	S	X						C	
[1]Hammond Lbr. Co., San Francisco 6	M	130					X	X	D		X	S								7
[2]Holmes Eureka Lbr. Co., San Francisco 4	M						X	X	DT		X	S	X							
Hughes Bros., Foresthill	M	9	X	X	WI	X		X	DT				X							
Kent Lbr. Co., San Francisco 4	W		X	X	X	X		X	D		X		X		X				CK	B
Lassen Lbr. & Box Co., San Francisco—See adv. p. 82	M	50	X		W			X					X			X				
Little Valley Lbr. Co., Pittville	M	12	X		I			X	D		X		X	I						
Long-Bell Lbr. Co. (See Kansas City, Mo. Listing)																				
Michigan-California Lbr. Co., Camino—See adv. p. 85	M	25	X	X	WI			X					X			X				PL
Mt. Shasta Pine Mfg. Co., Mt. Shasta	M	20	X	X	W	X		X	D				X			X				
McCloud River Lbr. Co. (See Shevlin Pine Sales, Minneapolis)																				
Mt. Whitney Lbr. Co., Box 2946, Los Angeles	M	25	X	X	WI			X	DT	L			X	I	X					
R. D. Northcutt Lbr. Co., Redding	M	11	X			X		X	DT							X				
Northern Redwood Lbr. Co., Korbel	M	30				X	X	X	D				X							TS
[1]Pacific Lbr. Co., 100 Bush St., San Francisco 4	M	120					X	X	D		X	S								
Pickering Lbr. Corp., Standard	M	65	X	X	WI	X		X					X			X				
Pine Logging Co. of Calif., Box 1086, Fresno	MW	15	X	X	WI			X	D				X							
Quincy Lbr. Co., Inc., Quincy—See adv. p. 120	M	35	X	X	W	X		X	D		X		X			X			K	PL
Redwood Manufacturers Co., Pittsburg	W		X	X		X	X	X	DT		X	S						X		4
Redwood Sales Co., San Francisco 4	MW						X	X	DT	LP	X	SF							C	
Sacramento Box & Lbr. Co., Box 1282, Sacramento 6	MW	35	X	X	WI	X		X	D				X			X				
Sage Land & Lbr. Co., Inc., San Francisco 4	M	18				X	X	X	DT											
Scott Lbr. Co., Inc., Burney	M	40	X	X	W	X		X	DT			F	X							
Ralph L. Smith Lbr. Co., Canby (Sales K. C., Mo.)—See p. 14	MW	130	X	X				X	D		X		X	I	X	X				P
E. J. Stanton & Son, Los Angeles 11—See adv. p. 60	W		X	X	W	X	X	X	D		X	SF	X						CK	56
Stokes & Steele Lbr. Co., San Francisco 5—See adv. p. 216	W		X	X	W	X	X	X	DT	L	X	S	X		X				K	
Tarter, Webster & Johnson, Inc., San Fran.—See adv. p. 214	MW		X	X	WI	X		X	DT		X	S	X			X				PL
Ukiah Pine Lbr. Co., Potter Valley	M	20	X	X	W			X	DT				X							RT
Union Lbr. Co., Crocker Bldg., San Francisco 4	M						X													
Wendling-Nathan Co., San Francisco 11—See adv. pp. 52, 194	W		X	X	W	X	X	X	DT	L	X	SF	X	I						6
West Side Lbr. Co., Tuolumne	M	42	X	X	WI			X	DT				X			X				PL
Winton Lbr. Sales Co. (See Minneapolis Listing)																				

P—Plywood
6—Red Cedar Shingles and Douglas Fir Plywood

RT—Railroad Ties
PL—Pattern Lumber
TS—Tank Stock

RS—Redwood Shingles
4—Redwood and Cedar Shingles and Douglas Fir Plywood

B—Boards

56—Other Softwoods and Hardwoods, Red Cedar Shingles, Douglas Fir Plywood
7—Railroad Ties and Tank Stock

Ponderosa Pine, Sugar Pine, Idaho White Pine, White Fir, Engelmann Spruce, Fir and Larch

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	Ponderosa Pine	Sugar Pine	Idaho White Pine	W—White Fir E—Engelmann Spruce	F—Fir L—Larch	Yard & Shed Stock	D—Dimension T—Timbers	L—Lath P—SR Pickets	Mouldings	S—Bevel Siding F—Flooring	Factory Lumber	I—Industrial Stock G—Glued-up Stock	Sash & Door Cut Stock	Box Shook & Crating	K. D. Window & Door Frames	Sash, Doors & Screens	C—Log Cabin Siding K—Knotty Paneling	Other
IDAHO																				
Atlas Tie Co., Coeur d'Alene	M	16	X		X	W	FL	X	DT											
Boise-Payette Lbr. Co. (See Weyerhaeuser, St. Paul)																				
Brown's Tie and Lbr. Co., McCall	M	19	X			WE	FL	X	DT											
Craig Mountain Lbr. Co., Winchester—See adv. p. 102	M	25	X				FL	X	D	L		SF	X							
Hallack and Howard Lbr. Co., Cascade	M	25	X			E	FL	X	D	L	X	FS								
McFarland-Brown Lbr. Co., Sandpoint	M	15			X	E	FL	X	D			S							K	RC
E. C. Olson & Sons, Priest River	M	18	X		X	E	FL	X	DT	L										RC
Pack River Lbr. Co., Sandpoint	M	12	X		X	WE	FL	X	DT			S							K	RC
Potlatch Forests, Inc. (See Weyerhaeuser, St. Paul)																				
Russell & Pugh Lbr. Co., Springston—See adv. p. 214	M	18	X		X	W	F	X	DT	L	X	S	X							RC
St. Maries Lbr. Co., St. Maries	M	25	X		X	WE	FL	X	DT	L	X	SF	X						CK	RC
White Pine Lbr. Co., Orofino	M	18	X		X	W	FL	X	D			S							K	
Winton Lbr. Co. (See Minneapolis, Minn.)																				
ILLINOIS																				
Graham Lbr. Co., Chicago 4—See adv. p. 110	W		X		X	E							X			X				RC
Edward Hines Lbr. Co., Chicago 2—See adv. p. 39	MW	140	X	X	X	E	FL	X	DT	L	X	S	X	I	X				CK	O
Metropolitan Lbr. Co., Chicago 24—See adv. p. 17	MW		X	X	X	WE	FL	X	DT		X	S	X			X			CK	IT
Geo. J. Silbernagel, Chicago 3—See adv. p. 112	W		X	X	X	E	FL	X	DT	LP	X	SF	X	IG	X	X	X	X	CK	O
Wuichet Lbr. Co., Chicago 4—See adv. p. 219	W		X	X		W		X	D				X	I	X	X				PL
KANSAS																				
Frank Paxton Lbr. Co., Kansas City 3	W		X	X	X	E	FL						X	I						P
MINNESOTA																				
Shevlin Pine Sales Co., Minneapolis—See adv. p. 80	M	300	X	X				X	D	LP	X	S	X		X	X			CK	
Weyerhaeuser Sales Co., St. Paul 1	M		X	X	X	WE	FL	X	DT	LP	X	SF	X	IG	X	X	X		CK	RC
Winton Lbr. Sales Co., Minneapolis 2	MW	100	X	X	X		FL	X	D		X	SF	X			X			CK	WW
MISSOURI																				
Bowman-Hicks Lbr. Co., Kansas City	M	20	X					X			X		X							
Fry-Fulton Lbr. Co., St. Louis 4	W		X	X																
Long-Bell Lbr. Co., Kansas City 6	M		X			W	F	X	DT	L	X	SF	X	IG	X	X	X	X	CK	OP
Ralph L. Smith Lbr. Co., Kansas City—See adv. p. 14	MW	130	X	X	X	E	FL	X	D		X		X	I	X	X				P
MONTANA																				
Anaconda Copper Mining Co., Bonner—See adv. p. 94	M	90	X				FL	X	DT	L	X	SF	X	I		X			CK	
Kalispell Lbr. Co., Kalispell	MW	20	X			E	FL	X	DT		X	S								
Missoula White Pine Sash Co., Missoula	M	10	X			W		X	DT		X			I			X	S		WT
J. Neils Lbr. Co., Libby—See adv. p. 70	M	80	X		X	E	FL	X	DT	L	X	SF	X	I	X	X			CK	IT
Somers Lbr. Co., Somers	M	40	X			E	FL	X	D	L		S								
F. H. Stoltze Land & Lbr. Co., Columbia Falls	M	21			X	E	FL	X	DT	L	X	S							K	
NEW MEXICO																				
M. R. Prestridge Lbr. Co., Alamogordo	M	22	X				F	X	DT		X		X							
Southwest Lbr. Co., Alamogordo	M	24	X			W	F	X	DT	L	X	S				X				
Bernalillo Lbr. Co., Albuquerque	MW		X																	
OHIO																				
George N. Comfort Lbr. Co., Cleveland 14	W		X	X	X	WE	FL													

P—Plywood RC—Red Cedar O—Other Softwoods & Hardwoods PL—Pattern Lumber
WW—Western White Spruce WT—Wrapped Interior Trim IT—Interior Trim

Ponderosa Pine, Sugar Pine, Idaho White Pine, White Fir, Engelmann Spruce, Fir and Larch

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	Ponderosa Pine	Sugar Pine	Idaho White Pine	W—White Fir E—Engelmann Spruce	F—Fir L—Larch	Yard & Shed Stock	D—Dimension T—Timbers	L—Lath P—SR Pickets	Mouldings	S—Bevel Siding F—Flooring	Factory Lumber	I—Industrial Stock G—Glued-up Stock	Sash & Door Cut Stock	Box Shook & Crating	K. D. Window & Door Frames	Sash, Doors & Screens	C—Log Cabin Siding K—Knotty Paneling	Other
PENNSYLVANIA																				
Babcock Lbr. Co., Pittsburgh 19—See adv. p. 106	MW	35	X	X	X	E	FL	X	DT				X	G		X				
Wm. Schuette Co., 239 4th Ave., Pittsburgh—See adv. p. 220	W		X	X	X	E	FL				X	SF	X	IG		X	X			
OREGON																				
Alexander-Yawkey Lbr. Co., Prineville—See adv. p. 82	M	25	X					X	D		X	S	X	I		X			K	
American Box Corp., Lakeview	M	21	X			W	F	X	DT		X		X	I	X	X				
Big Lakes Box Co., Klamath Falls	M	50	X					X	D	L	X	S	X	I		X			K	7
Blue Mountain Mills, Dayville	M	12	X					X	D				X							
Bowman-Hicks Lbr. Co. (See Kansas City, Mo. Listing)																				
Brooks-Scanlon Lbr. Co., Bend—See adv. p. 91	M	60	X					X	DT	LP	X	S	X	I	X	X			K	
Buzard-Burkhart Pine Co., Lakeview	M	20	X					X	D		X		X		X				K	
Collins Pine Co., Pondosa	M	20	X					X	D			S	X		X					
Crane Mills, Inc., Bly	M	15	X					X	D			S	X		X					
Ewauna Box Co., S. 6th St., Klamath Falls	M	75	X					X	D	L	X	S	X	I	X	X			CK	
Gilchrist Timber Co., Gilchrist	M	50	X					X	D		X		X						K	
F. C. Goetz Lbr. Co., Medford	M	12		X									X							
Goose Lake Box Co.—Sales by White Pine Lbr. Dist., Reno, Nev.	M	15	X					X			X		X			X				
Heppner Lbr. Co., Heppner	M	15	X					X	D		X	S	X						K	
Herman Brothers Lbr. Co., Prospect	M	12	X	X				X					X							I
Edward Hines Lbr. Co. (See Chicago Listing)																				
Ingham Lbr. Co., Glendale	M	30	X	X			F	X	DT				X							1
Ivory Pine Co., Klamath Falls—See adv. p. 214	MW	20	X	X				X	D				X			X				
Kesterson Lbr. Corp., Box 1051, Klamath Falls—See adv. p. 88	M	50	X	X				X	D	L	X		X			X				
Kinzua Pine Mills Co., Kinzua—See adv. p. 7	MW	40	X				FL		D*	L	X	S		IG	X	X	X		CK	Y
McKinley-Hampson Lbr. Co., Joseph	M	10	X				FL	X	D				X						K	
Medford Corp., Medford—See adv. p. 64	M	85	X	X			F	X	DT	L	X	SF	X						CK	
Mt. Emily Lbr. Co., La Grande	M	60	X				FL	X	DT		X	S	X	I		X			K	RT
Ochoco Lbr. Co., Prineville	M	35	X					X	D			S	X							
Oregon Lbr. Co., Baker—See adv. p. 74	M	45	X					X			X	SF	X	I	X	X			K	
Oregon Trail Lbr. Co., The, Union	M	12	X				FL	X	D*				X							
Pelican Bay Lbr. Co., Klamath Falls	M	70	X					X	D	L	X	S	X			X			CK	
Pilot Rock Lbr. Co., Radio Cent. Bldg., Spokane, W.—See p. 106	M	24	X					X					X	I		X				
Pine Products Corp. (See Carl Soderberg Lbr., Spokane)																				
Ponderosa Mouldings, Inc., Redmond—See Metro. Lbr. adv. p. 17	M										X			I						IT
Schmitt Bros. Lbr. Co., Grants Pass	M	22	X	X			F	X	D				X							I
Shaw Lbr. Co., Klamath Falls	M	35	X					X	D				X							
Shevlin-Hixon (See Shevlin Pine Sales, Minneapolis)																				
So. Ore. Sugar Pine Co., Medford	M	14		X	X			X					X							
Spalding & Son, Grants Pass	M	12	X	X			F	X					X							
Stoddard Lbr. Co., Baker	M	39	X				L	X		L	X	S	X						K	
Swede Basin Lbr. Co., Grants Pass	M	10	X	X			F	X	DT			S	X						K	I
Timber Products Co., Medford	MW	15	X				F	X	DT	L	X	S	X	I	X	X			K	
Tite Knot Pine Mill, Redmond	M	30	X					X	D		X		X						K	
Van Deisne Lbr. Sales Co., Portland 5—See adv. p. 88	W		X	X	X		FL	X	DT			SF	X	I	X		X	X		
Warm Springs Lbr. Co., Warm Springs	M	30	X					X					X							
Weyerhaeuser Timber Co. (See St. Paul)																				
SOUTH DAKOTA																				
Warren-Lamb Lbr. Co., Rapid City	M	14	X					X	D		X	SF		G		X			C	

I—Incense Cedar D*—Fir & Larch Only Y—Cut-to-Length Trim, Lawn & Porch Furniture 7—Linderman Jointed Stock RT—Railroad Ties IT—Interior Trim

Ponderosa Pine, Sugar Pine, Idaho White Pine, White Fir, Engelmann Spruce, Fir and Larch

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	Ponderosa Pine	Sugar Pine	Idaho White Pine	W—White Fir E—Engelmann Spruce	F—Fir L—Larch	Yard & Shed Stock	D—Dimension T—Timbers	L—Lath P—SR Pickets	Mouldings	S—Bevel Siding F—Flooring	Factory Lumber	I—Industrial Stock G—Glued-up Stock	Sash & Door Cut Stock	Box Shook & Crating	K. D. Window & Door Frames	Sash, Doors & Screens	C—Log Cabin Siding K—Knotty Paneling	Other
WASHINGTON																				
Biles-Coleman Lbr. Co., Omak—See adv. p. 68	M	48	X				FL				X			IG		X	X		K	WT
Bockmier Lbr. Co., Radio Cent. Bldg., Spokane—See adv. p. 106	W		X	X	X	E	FL	X	DT				X							
Cascade Lbr. Co., Yakima	M	65	X				F	X	DT	L	X	S	X			X				
Chelan Box & Mfg. Co., Chelan	M	24	X				F	X	DT				X			X				
Deer Park Lbr. Co., Deer Park	M	40	X		X		FL	X	DT		X	SF	X	I	X	X	X		K	WT
Diamond Match Co., Newport	M	54	X		X	WE	FL	X	DT	L	X	SF	X						K	RC
Fred Draper Lbr. Co., Colville	M	12	X			WE	FL	X	DT	L		SF	X							
Duffy Lbr. Co., O.N.B. Bldg., Spokane	MW	10	X	X	X	E	FL	X	D				X							
C. A. Harris & Son, Ardenvoir	M	20	X				F	X	DT	L		S	X			X				
Long Lake Lbr. Co., Spokane—See adv. p. 86	M	48	X		X	WE	FL	X	DT	L	X	S	X	I			X		K	WT
McGoldrick Lbr. Co., Spokane 3—See adv. p. 102	M	50	X		X		FL	X	D	L		S	X							
Mauk Seattle Lbr. Co., Seattle 1—See adv. pp. 84, 194	MW		X	X	X		FL	X	DT	L	X	SF	X	I		X			CK	IT
J. Neils Lbr. Co., Klickitat—See adv. p. 70	M	50	X				F	X	DT		X	SF	X		X	X			CK	
Nettleton Timber Co., Box 3305, Seattle 14	M	5		X	X			X												
Ohio Match Co., Box 115, Spokane	M	48			X	WE	FL	X	DT	L	X	S	X						K	
Peshashtin Lbr. & Box Co., Peshashtin	M	22	X		X	W	F	X	DT	L	X	S	X	I		X			K	
Pilot Rock Sales Agcy., Radio Cent. Bldg., Spokane—See p. 106	W		X					X					X	I		X				
Schmitten Lbr. Co., Cashmere	M	15	X				F	X	DT		X	S	X			X			K	
Carl Soderberg Lbr. Co., Spokane 8—See adv. p. 194	MW	40	X	X	X	E	FL	X	D		X	SF	X	I		X			CK	IT
Twin Harbors Lbr. Co., Aberdeen—See adv. p. 153	MW		X	X	X		F	X	DT	LP	M	SF	X	I						O
Wales Lbr. Co., Spokane 8—See adv. p. 194	W		X	X	X	E	FL	X	DT				X							RC
Western Pine Mfg. Co., Spokane 7—See adv. p. 118	M	50	X		X		FL	X	DT		X		X	IG	X	X	X	X	K	1
White Pine Sash Co., Spokane			X		X			X			X			IG		X	X	Sc	K	WT
Wm. Zosel Lbr. Co., Oroville	M	16	X				FL	X	DT							X				
WISCONSIN																				
Metropolitan Lbr. Co., Milwaukee—See adv. p. 17	MW		X	X	X	WE	FL	X	DT		X	S	X			X			CK	IT

1—Interior Trim, Furniture, Boxes & Specialty Items
P—Prefabrication and Processing
WT—Wrapped Interior Trim
IT—Interior Trim
RC—Red Cedar
O—Other Woods

Douglas Fir, West Coast Hemlock, Sitka Spruce, Western Red Cedar

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	D—Douglas Fir H—West Coast Hemlock	S—Sitka Spruce C—Western Red Cedar	Y—Yard Stock S—Shed Stock	D—Dimension T—Timbers	S—Select Structural Grades L—Long Timbers	M—Mouldings F—Flooring	S—Bevel Siding L—Log Cabin Siding	R—Red Cedar Shingles L—Lath	G—Gutter P—Plywood	S—Sash. W—Window & Door Stock F—Frames	S—Shop Lumber I—Industrial Cut Stock	R—Rough Clears G—Glued-up Stock	B—Boat & Ship Lumber C—Car Material	T—Turning Squares L—Ladder Stock	B—Box Shook & Crating T—Tank, Pipe and Silo Stock	P—Poles, Piling T—Treated Stock	A—Airplane Stock K—Knotty Paneling	Other
CALIFORNIA																				
Benson Lbr. Co., San Diego 12	MW	22	DH	C	YS	DT	SL							R	B		B	P		
W. E. Cooper, Los Angeles 13	W		DH	SC	YS	DT	SL							R						O
Pope & Talbot, Inc., San Francisco 5	MW	284	DH		YS	DT							I					T		O
E. K. Wood Lbr. Co., San Francisco 11	MW	50	DH	SC	YS	DT				L										
Wendling-Nathan Co., San Francisco—See adv. pp. 52, 194	W		D	C	YS	DT		MF	S	RL	P		S	R				P	A	
ILLINOIS																				
Pike Dial Lbr. Co., Chicago 8	W		D	S															A	
Geo. J. Silbernagel, 8 So. Mich., Chicago—See adv. p. 112	W		DH		YS	DT	SL	MF	S			SF	SI	RG		TL	BT			O

O—Other Woods

Douglas Fir, West Coast Hemlock, Sitka Spruce, Western Red Cedar

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	D—Douglas Fir H—West Coast Hemlock	S—Sitka Spruce C—Western Red Cedar	Y—Yard Stock S—Shed Stock	D—Dimension T—Timbers	S—Select Structural Grades L—Long Timbers	M—Mouldings F—Flooring	S—Bevel Siding L—Log Cabin Siding	R—Red Cedar Shingles L—Lath	G—Gutter P—Plywood	S—Sash. F—Frames W—Window & Door Stock	S—Shop Lumber I—Industrial Cut Stock	R—Rough Clears G—Glued-up Stock	B—Boat & Ship Lumber C—Car Material	T—Turning Squares L—Ladder Stock	B—Box Shook & Crating T—Tank, Pipe and Silo Stock	P—Poles, Piling T—Treated Stock	A—Airplane Stock K—Knotty Paneling	O—Other
KANSAS																				
Frank Paxton Lbr. Co., Kansas City	W		D	S							P		I							O
MINNESOTA																				
Weyerhaeuser Sales Co., St. Paul 1	M		DH	SC	YS	DT	SL	MF	SL	R	P	FW	SI	RG	BC		BT	T	K	
Winton Lbr. Sales Co., Minneapolis 2	MW	100	DH	C	YS	D		M	SL				S						K	O
MISSOURI																				
W. T. Ferguson Lbr. Co., St. Louis 1—See adv. p. 80	MW	50	DH	SC	YS	DT	SL	F	S	RL			SI		C		B	PT		O
Long-Bell Lbr. Co., Kansas City 6	M		DH		YS	DT		MF			P	SW	SI		BC			PT	A	DS
OREGON																				
Bohemia Lbr. Sales Co., Culp Creek	M	18	DH		Y	DT	SL					W	I	R	C	TL	T	P		
Booth-Kelly Lbr. Co., Eugene	M	88	DH		YS	DT	SL	MF					S		BC		T			
Bradley Lbr. Co., Bradwood	M	22	H			DT								R			B			
Bridge Lbr. Co., Reedsport	M	22	D		Y	DT	S								C					
Carlton Mfg. Co., Carlton	M	24	DH		Y	DT														
Carnation Lbr. Co., Forest Grove	M	36	D		Y	DT	SL							R	BC					
J. H. Chambers & Son, Cottage Grove	M	30	DH	C	YS	DT	SL								C					
Cobbs & Mitchell Co., Portland 5	M	60	DH	C	YS	DT	SL	M				W	S	R		L	T			
Coos Bay Logging Co., No. Bend	M	65	DH		Y	DT									B					
Engle & Worth Lbr. Co., McMinnville—See adv. p. 220	M	45	D	C	L	DT	SL						S	R	B		T		A	
Fischer Lbr. Co., Marcola	M	30	D		YS	DT	S	F					SI		C					
Forcia & Larsen, Noti	M	20	DH		Y	DT	S							R	C					
Foster Mills, Inc., Willamina	M	23	DH		Y	DT	SL						SI	R	BC	T	T	P	A	
Gardiner Lbr. Co., Gardiner	M	30	D		Y	DT	SL							R	B					
Giustina Bros., Eugene	M	30	DH	C	YS		SL	F				W	S	R	BC	TL	T	P	A	
Glenwood Lbr. Co., Glenwood	M	15	DH		Y	DT	S							R			T	P		
Griswold Lbr. Co., Portland 4—See adv. p. 198	MW	70	DH	C	YS	DT	S							R	C	T			A	
Hills Creek Lbr. Co., Jasper	M	18	DH		Y	DT	SL							R	BC	T	T	P		
Hult Lbr. Co., Horton	M	18	D		Y	DT	S					W	S	R	BC	TL	T	P		
Ingham Lbr. Co., Glendale	M	37	D		YS	DT	SL						S	R	C					O
Jaymer Co., Hood River	M	27	DH	C	Y	DT	SL							R	C	TL	T	P		O
C. D. Johnson Lbr. Corp., Portland—See adv. p. 26	M	150	DH	S	YS	DT	SL	M	SL		G		SI	R	BC	TL	BT	P	A	
Kingsley Lbr. Co., Portland 9	M	36	DH		YS	DT	L							R		L	T			
Lausman Lbr. Co., Medford	W		D			DT														
L. H. [illegible] Lumber Co., Carlton—See adv. p. 219	M	60	D		Y	DT	L													
Long-Bell Lumber Co. (See Missouri Listing.)																				
Medford Corp., Medford—See adv. p. 64	M	85	D		YS	DT	S	MF	SL	L			SI		C	L			K	
Mill City Mfg. Co., Portland	M	24	D		YS	DT	SL		S					R	C	L	T	P		
Morrill & Sturgeon Lbr. Co., Portland—See adv. p. 194	W		DH	SC	YS	DT	SL	MF	S	L	G	SW	SI	R	BC	TL	T			O
Multnomah Lbr. & Box Sales Co., Portland 1	M	30	M	S	YS	D			S				S	R					A	N
New Grand Ronde Lbr. Co., Willamina	M	30	D		YS	DT	S						S	R	BC					
O'Brien-Gram Spruce Co., Astoria	M	23		S					S			W	SI	R	B	TL	B		A	
Oregon-American Lbr. Corp., Vernonia—See adv. p. 72	M	100	DH		YS	DT	S	F	S	L			S	R	C					
Patrick Lbr. Co., Portland 5—See adv. p. 217	W		DH	SC	YS	DT	SL	MF	SL	L	G	W	SI	R	BC	TL	BT	P	AK	O
Pope & Talbot, Inc. (See California Listing.)																				
Portland Lbr. Mills, Portland 8	M	48	D		Y	DT	SL						S	R	BC		T			
Port Orford Lbr. Co., Port Orford	M	36	D		Y	DT								R			T			

O—Other Woods N—Noble Fir DS—Doors & Screens

Douglas Fir, West Coast Hemlock, Sitka Spruce, Western Red Cedar

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	D—Douglas Fir H—West Coast Hemlock	S—Sitka Spruce C—Western Red Cedar	Y—Yard Stock S—Shed Stock	D—Dimension T—Timbers	S—Select Structural Grades L—Long Timbers	M—Mouldings F—Flooring	S—Bevel Siding L—Log Cabin Siding	R—Red Cedar Shingles L—Lath	G—Gutter P—Plywood	S—Sash, F—Frames W—Window & Door Stock	S—Shop Lumber I—Industrial Cut Stock	R—Rough Clears G—Glued-up Stock	B—Boat & Ship Lumber C—Car Material	T—Turning Squares L—Ladder Stock	B—Box Shook & Crating T—Tank, Pipe and Silo Stock	P—Poles, Piling T—Treated Stock	A—Airplane Stock K—Knotty Paneling	Other
OREGON—Continued																				
Powers-Davis Lbr. Co., Lebanon	M	23	D		Y	DT	S								C					
Prouty Lbr. & Box Co., Warrenton	M	60	D		YS	DT	SL	MF	S		G		S	R	BC	T	T	P	A	
Rosboro Lbr. Co., Springfield—See adv. p. 110	M	50	DH	C	YS	DT	S	MF	SL		G		I	R	BC	L	T		A	O
Row River Lbr. Co., Portland 5—See adv. p. 214	M	30	DH			DT							I							
Santiam Lbr. Co., Sweet Home	M	20	D		Y	DT	S							R	C					
Shaw Lbr. Co., Yamhill	M	18	DH	C	Y	DT	S						S	R			T			
Silver Falls Timber Co., Silverton	M	75	DH		YS	DT	SL	MF	SL		G		S	R	BC	TL	T		A	O
Smith Wood-Products, Inc., Portland—See adv. p. 14	M	45	D		YS	DT	SL	MF	S		P		S	R	BC	TL	T			*
Snellstrom Lbr. Co., Eugene	M	30	DH	C	YS	DT	SL						S	R	BC	T	T	P		
Southeast Portland Lbr. Co., Portland 6	M	30	DH	C	YS	DT	SL	M			G		S	R	C		BT	P		
Stimson Lbr. Co., Forest Grove—See adv. p. 217	M	45	D		YS	DT	S						S	R	C		T		A	O
Sullivan Lbr. Co., Portland—See adv. p. 220	W		DH	SC	YS	DT	SL	MF	SL	RL			SI	R	BC	TL	T			
Swede Basin Lbr. Co., Grants Pass	M	20	D		Y	DT	S		S					R	C					
Tiller Mill & Lbr. Co., Medford	M	20	DH			DT														
Van Deisne Lbr. Sales Co., Portland 5—See adv. p. 88	W		DH	SC	YS	DT		F	S	R	P	FW								O
Walters-Bushong Lbr. Co., Eugene	M	14	D		YS	DT	S							R	C					
Walton Lbr. Co., Walton	M	12	D		Y	DT	S							R	C		T			
Wauna Lbr. Co., Wauna	M	60	D		YS	DT	SL	MF			G		SI	R	BC	T	T	T	A	
Westfir Lbr. Co., Westfir	M	60	DH		YS	DT	SL							R	BC		T			O
West Oregon Lbr. Co., Portland 9	M	50	DH			D												T		
Westport Lbr. Co., Portland	M	75	D		Y	DT	SL						S	R	BC		T			
Willamette Valley Lbr. Co., Dallas	M	100	DH	C	YS	DT	SL	M	S	R	G		SI	R	C	L	T	P	A	N
W. A. Woodard Lbr. Co., Cottage Grove	M	37	DH	C	YS	DT	S	M						R	C	T	B		A	
WASHINGTON																				
Bloedel Donovan Lbr. Mills, Bellingham	M	200	DH	SC	YS	DT		MF	S	RL		FW	S				B			△
Canyon Lbr. Co., Everett	M	36	H		YS	DT	S		SL			W	SI	R	C	T	B			
Clark County Lbr. Co., Vancouver	M	12	DH	S	YS			M				W	SI	R	C	TL			A	N
Colonial Cedar Co., Seattle										R										CS
Columbia River Paper Mills, Vancouver	M	50	DH		YS	DT										L				
Defiance Lbr. Co., Tacoma	M	65	D		YS	DT	SL						S	R	BC				A	
Dubois Lbr. Co., Vancouver	M	15	D		Y	DT	SL								C					
Duncan Lbr. Co., Seattle 11—See adv. p. 194	W		DH	SC		T	SL													
Eclipse Mill Co., Everett	M	55	DH	C	YS	DT	S	MF					SI	R	BC	L	T			
Gram Mfg. Co., Vancouver			DH	S				M	S				SI	R		L				
Gray Lbr. & Shingle Co., Seattle	W		DH	SC	YS	DT	SL	MF	S	R				R	BC	L	T	P		
Grays Harbor Lbr. Co., Hoquiam	M	75	DH		S	DT	SL					W	S	R	BC	T	T		A	
Hart Mill Co., Raymond	M	25		S	Y	DT	S						S	R					A	
Heidner & Co., Tacoma 1—See adv. p. 212	W		DH	SC	YS	DT		MF	S		P		I							
Wm. Hulbert Mill Co., Everett	M	33		C	YS			M	SL	R	G			R	B	T				Z
Karlen-Davis Co., Tacoma 1—See adv. p. 114	MW	50	DH	SC	YS	DT	S	F	SL	R			S	G	BC				K	
Klement Timber Co., Fortson	MW	15	DH	C	YS	DT	SL	F					S		BC	T				1
Long-Bell Lumber Co., Longview	M		DH		YS	DT	SL	MF		R	P	SW	SI	RG	BC	TL	T	PT	A	2
E. C. Miller Cedar Lbr. Co., Aberdeen	M	15		C	YS	DT		MF	SL	RL	G		S				T		K	
Mauk Seattle Lbr. Co., Seattle 1—See adv. pp. 84, 194	MW		DH	SC	YS	DT		MF		RL	P		SI				B		K	O
Morrison Mill Co., Anacortes	M	60	H	S	YS		S						SI	R		L	B		A	
Tacoma Export Lbr. Co., Tacoma 1	M	30	D		Y	DT	S				G		S	R	B	T	T			

*—Port Orford Cedar
N—Noble Fir
#—Canadian White Spruce

△—Sash, Doors, Screens
†—Linderman Machine Stock
1—Soft Maple A.D. Dim. & Const. Bds.

Z—Glued-Up Dimension, Linderman Stock
2—Frames, Doors & Screens

O—Other Woods
CS—Cedar Shakes and Stained Shingles.

Douglas Fir, West Coast Hemlock, Sitka Spruce, Western Red Cedar

	M—Manufacturer W—Wholesaler	Annual Capacity Million Feet	D—Douglas Fir H—West Coast Hemlock	S—Sitka Spruce C—Western Red Cedar	Y—Yard Stock S—Shed Stock	D—Dimension T—Timbers	S—Select Structural Grades L—Long Timbers	M—Mouldings F—Flooring	S—Bevel Siding L—Log Cabin Siding	R—Red Cedar Shingles L—Lath	G—Gutter P—Plywood	S—Sash F—Frames W—Window & Door Stock	S—Shop Lumber I—Industrial Cut Stock	R—Rough Clears G—Glued-up Stock	B—Boat & Ship Lumber C—Car Material	T—Turning Squares L—Ladder Stock	B—Box Shook & Crating T—Tank, Pipe and Silo Stock	P—Poles, Piling T—Treated Stock	A—Airplane Stock K—Knotty Paneling	O—Other
WASHINGTON—Continued																				
Mutual Lbr. Co., Bucoda	M	60	DH	C	YS	DT	S							R	BC					
Nettleton Timber Co., Seattle 14	M	50	DH	C	YS	DT	S	F		L					B	L	T			□
V. W. North Plywood & Lbr. Co., Seattle—See adv. p. 219	W		DH	SC	YS	DT					P		I							
Polson Lbr. & Shingle Mills, Hoquiam	M	75	D	S	YS	DT	S						S	R	C	L	BT		A	
Rayonier Inc., Port Angeles	M	45	D		Y	DT	S							R						
Robinson Mfg. Co., Everett	M	75	D		YS	DT	S	M			GP	SW	SI	R	BC	TL	T		A	★
St. Paul & Tacoma Lbr. Co., Tacoma 2	M	100	DH	C	YS	DT	S	MF	SL	L	G				BC		T			
Seattle Cedar Lbr. Mfg. Co., Seattle 7	M	45		C	Y			M	S	R					B		T			¶
Simpson Industries, Inc., Seattle 7	M	90	DH		Y	DT	S				P		I	R	C					X
Stimson Mill Co., Seattle 7—See adv. p. 120	MW	50	DH	C	YS	DT	S	F		L			S							
A. C. Tebb Lbr. Corp., Aberdeen	M	9	D	C							G									
Twin Harbors Lbr. Co., Aberdeen—See adv. p. 153	MW		DH	SC	YS	DT	SL	M	S	RL			SI		BC		T			O
Walton Lbr. Co., Everett	M	45	DH	S	YS	DT	S	MF	SL		G	W	SI	R	BC	L	T		A	N
Washington Mfg. Co., Tacoma	M		D					M			G	F		G						U
Washington Veneer Co., Olympia	M	30	DH	C	Y	DT	S			L	P		S	R	B	T				
West Waterway Lbr. Co., Seattle 14	M	30	D	C		DT														
Weyerhaeuser Sales Co., (See St. Paul, Minn.)																				
Wheeler, Osgood Co., The, Tacoma 1—Se adv. p. 8	M		D								P									¶
White River Lbr. Co., Enumclaw	M	100	DH	C	YS	DT	SL	M	S					R			T			
White Star Lbr. Co., Whites	M	37	DH		YS	DT	SL	M		R	G	W	S		BC	TL	T	P	A	
Willapa Harbor Lbr. Mills, Raymond	M	180	DH	C	YS	DT	SL	M	SL	R		W	SI	R	BC	T	T		A	
BRITISH COLUMBIA																				
Canadian Western Lbr. Co., Vancouver																				
Elburne Sawmills Ltd., Vancouver	M	60	DH	C	YS	DT		MF		R	P		SI	R						
Hammond Cedar Co., Hammond																				
H. R. MacMillan Co., Ltd., Vancouver																				
Robertson & Hackett Sawmill Co., Vancouver	M	35	DH	C	YS	DT		F	S			W	S	R	C	L				
Thurston-Flavelle Ltd., Port Moody—See adv. p. 118	M	30		C					S	RL										

O—Other Softwoods
□—Prefabrication and Processing

U—Cl. Fir Finish, Porch, Stairs, Hand Rails; Built-Up Columns

X—Doors, Sash, Special Woodwork
N—Noble Fir

★—Doors, Windows, Sash
¶—Complete Line House & Garage Doors

Hardwood Flooring and Other Items

	Oak	Maple	Beech	Birch	Gum	Pecan	Strip	Plank	Herringbone	Block	Factory Finished	Treated Flg. & Lumber	Pine Lumber	So. Hardwoods	Appal. Hardwoods	North. Hardwoods	Hardwood Trim	Cypress Trim	Pine Trim	Pine Flooring
Anchor Lbr. Co., Parkersburg, W. Va.	X	X	X	X		X	X			X		X			X					
Anderson-Tully Co., Memphis, Tenn.—See adv. p. 50	X						X						X	X						
Arkansas Oak Flooring Co., Pine Bluff, Ark.	X		X				X	X	X					X			X	X		
Atlanta Oak Flooring Co., Atlanta, Ga.	X						X	X							X		X	X		
Babcock Lbr. Co., Pittsburgh 19—See adv. p. 106	X	X	X	X			X						X	X	X					
P. M. Barger Lbr. Co., Statesville, N. C.—See adv. p. 68	X	X	X	X	X		X			X	X		X	X	X	X	X	X	X	X
Barnes Lbr. Corp., Charlottesville, Va.	X				X		X		X					X			X	X	X	X
Blount Lbr. Co., Lacona, N. Y.		X	X	X			X													
Bond-Woolf & Co., Alcoa, Tenn.	X						X						X	X	X					X

Hardwood Flooring and Other Items

	Oak	Maple	Beech	Birch	Gum	Pecan	Strip	Plank	Herringbone	Block	Factory Finished	Treated Flg. & Lumber	Pine Lumber	So. Hardwoods	Appal. Hardwoods	North. Hardwoods	Hardwood Trim	Cypress Trim	Pine Trim	Pine Flooring
Boydton Mfg. Co., Boydton, Va.	X						X													
Bradley Lbr. Co., Warren, Ark.—See adv. p. 47	X		X			X	X			X	X		X	X			X	X	X	X
C. A. Briggs Lbr. & Mfg. Co., Scotdale, Pa.	X	X					X	X												
E. L. Bruce Co., Memphis, Tenn.—See adv. p. 9	X	X	X			X	X	X	X	X	X	X	X	X			X		X	X
Carr Lbr. Co., Pisgah Forest, N. C.—See adv. p. 219	X	X					X								X					
Central Oak Products Co., Nashville, Tenn.	X	X	X				X	X						X	X					
Chapman & Dewey Lbr. Co., Memphis, Tenn.—See adv. p. 50	X						X							X						
Charleston Lbr. Co., Charleston, W. Va.	X						X													
Clarke County Lbr. Co., Thomasville, Ala.	X				X								X	X						
Colonial Hardwood Flooring Co., Hagerstown, Md.	X						X													
Connor Lbr. and Land Co., Marshfild, Wis.—see adv. p. 114	X	X		X			X						X			X				
A. B. Cook Co., Malvern, Ark.	X				X		X						X	X			X	X		
Cotton & Hanlon, Odessa, N.Y.	X	X	X				X	X		X			X		X	X	X			
Crossett Lbr. Co., Crossett, Ark.	X						X					X	X	X					X	X
De Soto Hardwood Flooring Co., Memphis, Tenn.	X						X	X						X			X			
Dierks Lbr. & Coal Co., Kansas City 6, Mo.—See adv. p. 215	X						X						X	X			X		X	X
Emporium Forestry Co., Conifer, N. Y.		X	X	X			X						X			X				X
Evans Hardwood Flooring Co., St. Louis, Mo.	X	X					X													
Exchange Sawmills Sales Co., Kansas City 6, Mo.—See p. 200	X						X						X	X					X	X
D. L. Fair Lbr. Co., Louisville, Miss.	X						X						X	X			X		X	X
M. B. Farrin Lbr. Co., Cincinnati, O.—See adv. p. 46	X	X	X				X	X	X		X	X			X		X	X		
W. T. Ferguson Lbr. Co., St. Louis 1, Mo.—See adv. p. 80	X	X			X		X				X	X	X	X					X	X
Fordyce Lbr. Co., Fordyce, Ark.	X						X					X	X	X			X	X	X	X
Frost Hardwood Floors Inc., Shreveport, La.	X		X			X	X	X				X	X	X			X		X	X
Frost Lbr. Industries Inc., Shreveport, La.	X		X		X	X	X	X				X	X	X			X	X	X	X
Georgia Hardwood Lbr. Co., Augusta, Ga.—See adv. p. 161	X	X	X	X	X	X	X	X		X	X	X	X	X	X			X	X	X
Geo. C. Griffith Stave Co., Springfield, Mo.	X						X						X	X						
Hallett Mfg. Co., Mobile 2, Ala.	X				X		★						X				X		X	
Harris Mfg. Co., Johnson City, Tenn.	X	X	X				X	X	X		X									
Holt Hardwood Co., Oconto, Wisc.—See adv. p. 94	X	X	X	X			X			X						X				
Kerry & Hanson Flg. Co., Grayling, Mich.		X	X	X			X									X				
Kirby Lbr. Corp., Houston 1, Tex.—See adv. p. 208	X						X						X	X					X	X
A. H. Leathers Mfg. Co., Dickson, Tenn.	X		X				X													
Lightsey Bros., Miley, So. Car.—See adv. pp. 50, 106	X	X			X		X						X	X			X		X	X
Long-Bell Lbr. Co., Kansas City, Mo.	X						X	X					X	X			X		X	X
McMinnville Mfg. Co., McMinnville, Tenn.	X	X	X				X										X			
Marsh Lbr. Co., Dover, Ohio	X	X	X				X	X								X	X		X	
Meadow River Lbr. Co., Rainelle, W. Va.—See adv. pp. 46, 92	X	X	X	X		X	X	X	*		X				X		X			
Memphis Hardwood Flooring Co., Memphis, Tenn.	X						X	X		X	X									
Merit Oak Flooring Co., Birmingham 1, Ala.	X		X				X													
Miller Bros. Co., Johnson City, Tenn.	X	X	X	X			X	X		X					X		X			
Missouri Floor Co., St. Louis, Mo.	X	X	X	X			X	X	X	X	X									
Mobile River Saw Mill Co., Mt. Vernon, Ala.	X						X								X					
Monterey Hardwood Flooring Co., Monterey, Tenn.	X	X	X				X													
Mower Lbr. Co., Charleston, W. Va.—See adv. pp. 46, 78	X	X	X	X			X						X		X		X			
J. Natwick & Co., Baltimore, Md.	X	X					X								X					
Nickey Bros. Inc., Memphis, Tenn.	X	X	X	X		X	X	X						X	X	X	X	X	X	
North Branch Flooring Co., Chicago	X	X					X								X	X	X			
R. C. Owen Co., Hopkinsville, Ky.	X	X	X				X	X						X			X			

★—Plain End *—Parquet

Hardwood Flooring and Other Items

	Oak	Maple	Beech	Birch	Gum	Pecan	Strip	Plank	Herringbone	Block	Factory Finished	Treated Flg. & Lumber	Pine Lumber	So. Hardwoods	Appal. Hardwoods	North. Hardwoods	Hardwood Trim	Cypress Trim	Pine Trim	Pine Flooring
Ozark Oak Flooring Co., Bismarck, Mo.—See adv. p. 68	X						X													
Frank Paxton Lbr. Co., Kansas City, Kans.	X	X	X	X		X	X	X		X	X			X						
Phillips Lbr. Co., Memphis 4, Tenn.—See adv. p. 118	X	X	X	X	X	X	X	X		X	X		X	X			X			
Rib Lake Lbr. Co., Rib Lake, Wis.—See adv. p. 56	X	X	X	X			X						X			X				X
W. M. Ritter Lbr. Co., Columbus, O.—See adv. p. 46	X	X	X				X		X	X	X		X	X	X		X	X		
Robbins Flooring Co., Rhinelander, Wis.	X	X	X	X			X		*	X										
D. M. Rose & Co., Knoxville 4, Tenn.	X	X	X				X	X							X		X			
Scotch Lbr. Co., Fulton, Ala.	X						X						X	X					X	
Southern Lbr. Co., Warren, Ark.	X		X				X						X	X					X	X
Southern Pine Lbr. Co., Texarkana, Tex.—See adv. p. 67	X		X			X	X						X	X			X	X	X	X
E. A. Stewart Lbr. Co., Texarkana, Tex.	X						X							X						
Stowers Lbr. & Mfg. Co., Harriman, Tenn.	X						X													
Stuart Lbr. Corp., Stuart 10, Va.	X	X	X				X	X		X	X				X		X			
Texas Oak Flooring Co., Dallas, Tex.	X	X					X	X									X			
Tremont Lbr. Co., Rochelle, La.	X		X			X	X						X	X			X	X	X	X
Virginia Oak Flooring Co., Pulaski, Va.	X						X			X	X		X[1]							
H. E. Webster Lbr. Co., Kansas City 6, Mo.	X	X	X				X						X	X						
West Virginia Lbr. Co., Elkins, W. Va.—See adv. p. 46	X	X					X								X					
J. W. Wells Lbr. Co., Menominee, Mich.		X		X			X													
Williams & Voris Lbr. Co., Chattanooga, Tenn.	X	X	X				X							X	X					
Wood Mosaic Co., Inc., Louisville 9, Ky.—See adv. p. 46	X	X	X		X		X	X	X	X				X	X					
W. R. Wrape Stave Co., Little Rock, Ark.	X		X				X											X		
Yawkey-Bissell Lbr. Co., White Lake, Wis.	X	X		X			X	X	X				X			X				

*—Parquet

1—White Pine Only

The Need Still Exists

BUY WAR BONDS

Keep Buying to Keep Winning

CLASSIFIED ADVERTISING

PAYABLE IN ADVANCE

Copy must be in office of AMERICAN LUMBERMAN by Monday prior to publication date. Rates are based on number of WORDS and consecutive insertions as shown below. Be sure to count address. For "blind" address care this publication count 5 words. Advertisements are set in uniform style, in proper classification, with first line in capitals, if so ordered.
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8c per word for one insertion.
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Attractive discounts for 6, 13 or 26 consecutive insertions.
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AMERICAN LUMBERMAN
139 N. Clark St., Chicago 2, Illinois

HELP WANTED

WANTED—FILER

8-foot Wheland Roller-Bearing Band Mill, located large city, Middle Tennessee. Excellent living conditions. State age, references, and wages expected. Release required. Address B-106, American Lumberman.

WANTED—SUPERINTENDENT

For large retail lumber yard in southern Wisconsin. Experience necessary. Must have ability to handle men. Address B-105, American Lumberman.

SALESMAN

Ability to make minor plans helpful. Advancement management associate yard possible. Give age, draft status, experience and salary expected. Home Lumber and Supply Company, Rockford, Illinois.

SAW FILER WANTED

Experienced man to file circular saws in small sawmills and also band saws. Cannot use man who drinks liquor. State amount of pay expected. J. F. Townsend, Townsend Sash, Door & Lumber Co., Lake Wales, Florida.

Help Wanted—Sawyer for circular mill or man to train for such position. Must be sober, draft exempt. Excellent pay, commission on production. Must be able to produce and handle men. A spendid opportunity for right man. Pleasant upstate New York town. Address C-35, American Lumberman.

WANTED—MAN OR LADY BOOKKEEPER

For retail lumber yard in South Eastern Wisconsin, prefer one familiar with Remington Bookkeeping machine, give reference and salary expected in first letter. Address B-71, American Lumberman.

WANTED—MANAGER

For retail lumber and coal yard in Southern Wisconsin. Sales around Seventy-Five Thousand. Give all particulars in first letter including salary expected. Address B-70, American Lumberman.

HELP WANTED

WANTED—SAW FILER

For repair shop. Circulars and small bands. Milwaukee Saw Works, 1113 N. 4th Street, Milwaukee (3), Wisconsin.

WANTED: An A-1 moulder man capable of making and filing his own bits and to do first-class moulder work. Steady job. Address C-26, American Lumberman.

WANTED—MANAGER

For yard N. W. Illinois point, 1500 population. Catholic preferred. Salary and profit-sharing bonus. No boozer. Address B-99, American Lumberman.

WANTED: By Southern Wholesaler operating in rich territory high type young man with executive ability and pleasing personality to take complete charge of buying and selling Yellow Pine. Must be acquainted with mills and holding similar position at present. For real producer will make good proposition, profit-sharing basis or stock arrangement. Address C-31, American Lumberman.

MILLWORK SUPERINTENDENT

Want Millwork Superintendent experienced in detailing, billing and estimating. Florida location. Give history of experience, amount of pay expected and when could report. Address C-29, American Lumberman.

WANTED: A shipper capable of shipping all kinds of lumber and mill work in a high class lumber yard. Steady job. Address C-28, American Lumberman.

WANTED—YARD MANAGER

For a good lumber yard in a two yard town of about 3000 population in central Illinois. A good proposition for the right man. In replying state age, qualifications and references. Address B-77, American Lumberman.

Well rated Southern Company wants experienced Sales Manager for wholesale Pine department. Must be well acquainted with mills, consumers and freight rates, and know how to wholesale lumber. Salary and bonus $5,000 to $8,500. Address C-21, American Lumberman.

Man to call on lumber and building material yards 50 mile radius of Springfield, Illinois. Right opportunity for high calibre salesman. All replies held strictly confidential. Call or write Builder's Supply Company, 825 East Madison, Springfield, Illinois—phone 2-3521.

WANTED: A first-class superintendent of wood working plant capable of reading blue prints and understanding the manufacturing of all kinds of odd and special mill work in high-class mill work plant. Steady work. Address C-27, American Lumberman.

WANTED: Bookkeeper, man or woman with lumber experience. Yard foreman or truck driver with lumber experience. Address C-32, American Lumberman.

SITUATIONS WANTED

MANUFACTURING, PROD. MARKETING

College man, 22 years broad experience including surveys, studies, costs, standards, purchasing, industrial relations, finance. Gentile. Address B-80, American Lumberman.

Thoroughly Competent, Practical Lumberman. Able to erect and operate any sized plant, familiar with all types of American built, sawmill machinery. Experienced in south, and Central America, also the far east. Am an expert saw filer, particularly bands, speak some Spanish, and know how to handle labor. Am 51 years of age, have United States passport. To any one in need of a man of this type I would be pleased to furnish unquestionable references. Address B-85, American Lumberman.

ACCOUNTANT AUDITOR

Desires position, 30 years experience lumber accounting auditing. Willing to assume complete charge of all accounting profit and loss and balance sheets. Midwest preferred. Address B-89, American Lumberman.

WANTED—POSITION AS BOOKKEEPER

Twenty years' general office, taxes, auditing & adjusting. Pleasant personality, 45, excellent health, unquestionable character. Good on detail. Give orders, take 'em. Your interests my interests. Address B-92, American Lumberman.

SITUATIONS WANTED

WANT POSITION

As Manager of business or department jobbing Millwork, Building Material, Lumber. Must offer permanent postwar future. Have experience and ability. Address B-102, American Lumberman.

CAPABLE MILLWORK EXECUTIVE

Desires connection; experienced estimating and sales management. Would represent some large manufacturer or jobber. Complete information and reference furnished. Address B-107, American Lumberman.

Well qualified retail lumberman wants desirable connection managing yard normally doing over $125,000. Age 43, Family. Address C-30, American Lumberman.

ALL AMERICAN ENERGETIC LUMBERMAN

37 years young, free to travel, assistant to busy executive, 20 years' diversified retail experience, supervision of office sales, shipping and purchasing. Friendly and helpful to everyone he contacts. Present associates know of this ad. Available Fall—1945 or postwar. Address C-25, American Lumberman.

MANUFACTURER'S REPRESENTATIVE AVAILABLE IN CHICAGO & SUBURBS WITH LOOP OFFICE

Qualified executive, age 42, with 20 years experience in all phases of lumber and building material and construction industries; over 13 years in executive and managerial positions. Established own small business allied with construction at beginning of war requiring only part time in executive capacity only. An ideal arrangement for good concern willing to offer present and future possibilities for results. Address C-33, American Lumberman.

RETAIL LUMBERMAN

Age 42, desires management of yard on west coast. Twenty years experience, last 16 with 2 employers. Prefer salary and profit sharing arrangement. Address C-34, American Lumberman.

MANUFACTURERS REPRESENTATIVE

Want sales connections in building materials with reliable manufacturer. Have good architectural and sales background with national manufacturers. Familiar all forms construction, materials, appliances, etc. C. H. Dean, Rt. 4, St. Cloud, Minn.

SALES MANAGER

Twenty years' profitable retail experience — large volume operations. Could handle purchasing. Age 43. Available June 15. Detailed reply appreciated. Address C-37, American Lumberman.

BUSINESS OPPORTUNITIES

FOR SALE

Sawmill, Planing Mill, Box Factory, Trucks, Logging Equipment, etc. Plenty Ponderosa Pine and Engelman Spruce Timber Available. Full details on request. WESTON LUMBER COMPANY, Durango, Colorado.

PATENTED, TIME TESTED, FHA APPROVED. Factory-Built method of home construction, requiring 17% less material and 52% less labor. Attractive proposition to qualified manufacturers in position to handle State franchise. FACTORY-BUILT HOMES, INC., McDonough, N. Y.

BUSINESSES WANTED

WANTED—INDUSTRIAL STORE

Party thoroughly conversant with, and fully competent to operate an industrial store desires to purchase whole or part interest in same. Address B-29, American Lumberman.

WANT TO BUY

Lumberyard in Central or Northern Iowa. Private party with 15 years lumber and construction experience. Address B-78, American Lumberman.

WANTED—LUMBER YARD

Will buy lumber yard or will rent shed space, preferably in Chicago or suburb, but will consider anywhere in Illinois, Indiana, Ohio, Michigan. State full details and price. Address B-51, American Lumberman.

WANTED TO BUY

A lumber yard (with or without a coal and feed business) in Wisconsin. Give general description, selling price, amount of inventory and location. Address S-52, American Lumberman.

WANTED TO BUY —MISCELLANEOUS—

RAILS WANTED
Principally 16-20-25-30 lb.
THE W. H. DYER CO.
Fullerton Bldg., St. Louis, Mo.

RAILS: ANY SIZE OR QUANTITY
Particularly 20 lb. 25 lb. 30 lb. 35 lb. & 40 lb.
Secure our price before selling.
MIDWEST STEEL CORP.
Charleston, W. Va.

WANTED: Buildings, lumber camps, mills or projects containing large quantities of materials for wrecking purposes. BISSELL LUMBER & WRECKING CO., 7834-7920 W. Grand Ave., Elmwood Park, Chicago 35, Illinois.

BALED SHAVINGS WANTED
Send sample bale and quote prices carload lots.
STONEACRES—FARM SUPPLIES
PRINCETON, NEW JERSEY

WANTED—SAW LOGS
Pine, Poplar, Hemlock. Please quote loaded on cars or delivered Homewood, Illinois. Address Box 47, Homewood, Illinois.

WANTED: FIRE EXTINGUISHERS
2½ gallon pressure type, soda and acid. Quote best price on any part of 40 units. CRAWFORD FURNITURE MFG. CORP., Jamestown, N. Y.

Pay cash for large quantities of factory surplus masonite and plywood. BISSELL LUMBER & WRECKING CO., 7834-7920 W. Grand Ave., Elmwood Park, Chicago 35, Illinois.

WOOD PARTS WANTED
Dowels, handles, wheels, beads, wood turnings, lumber, surplus parts, etc. ABBOTT CO., 401M Broadway, New York City 13.

Short Leaf Southern Pine Saw Logs. Delivery by Barge. Shipping point between Maryland and South Carolina. Address C-36, American Lumberman.

TIMBER & TIMBER LAND WANTED

Interested in purchasing timberland, running mainly to softwood, south of St. Lawrence River. Apply Box B-104, American Lumberman.

LUMBER & DIMENSION WANTED

WANTED—1 to 5 cars flooring, siding, partitions and shorts, also carload of pickets. BISSELL LUMBER & WRECKING CO., 7834-7920 W. Grand Ave., Elmwood Park, Chicago 35, Illinois.

CHERRY WANTED
Ceiling prices 5 million ft. or 1 or more cars 4/4, 5/4, 6/4 or 8/4 #2 or #3 Com. & Btr., 2% 30. Write Warren Ross Lumber Co., Falconer, N. Y.

WANTED—1 to 3 cars 2x4s from 6 feet up. BISSELL LUMBER & WRECKING CO., 7834-7920 W. Grand Ave., Elmwood Park, Chicago 35, Illinois.

Carloads lath ½"x1½"—4' for Corn Cribs. Will contract for 1945 delivery, shipments soon as possible. Cash less 2% A.D.F. or sight draft. SECURITY FENCE & MFG. CO., 2120 So. 61 St., Omaha, Nebr.

WANTED—1 to 5 cars 1 inch shorts from 3 feet up. BISSELL LUMBER & WRECKING CO., 7834-7920 W. Grand Ave., Elmwood Park, Chicago 35, Illinois.

Steady demand now and later for any air dried hard wood, sound grade in following dimensions:
1¼"x1¼"x28"
2⅜"x⅝"x31"
Can purchase in carload or LCL shipments. LEWISBURG CHAIR & FURNITURE CO., LEWISBURG, PENNSYLVANIA.

WANTED—PLYWOOD
Fall-offs; any thickness, species, grade or quantity. Address B-90, American Lumberman.

USED MACHINERY WANTED

WE ARE IN THE MARKET
For Morgan or Doig Nailers, any size or condition. Will pay up to $100.00 per track. Can use several vertical resaws, single or twins. Hand-hole cutting machines and cerrugated fastening or shook splicing machines. Write, write or 'phone: Keystone Machinery Co., 324 Fourth Avenue, Pittsburgh 22, Pa.

NAILING MACHINES, ETC. WANTED
We want 3 Morgan or Doig Nailing Machines quickly any size. We also want 1-Shook Splicer, Morgan, Doig or Saranac. 1-Hand-hole cutting machine. 1—2" Dowel Machine; also Dowel Sander. Send list of all machines you wish to sell. Chas. N. Braun Machinery Co., Fort Wayne, Indiana.

TRANSIT & MILLING SERVICES

MILLING IN TRANSIT
At St. Louis
Resawing
Dressing
Ripping
Permit to ship to us must be secured in advance.
The Mill Creek Milling Co.
326 So. Taylor Ave.
St. Louis, Mo.

TIMBER & TIMBER LAND FOR SALE

For Sale: Estimate 2 million feet ½ Birch & Maple, balance Hemlock and Pine, quantity of Pulp and Cedar, on Beaver Island. 1½ million feet mostly Hemlock, some Birch in Chippewa Co. Michigan. Priced to sell. McFarren, Cedar Street, Traverse City, Mich.

800 acres, Clearfield County, Pennsylvania. Ninety acres farm land, balance timber. Two houses, large barn, some farm tools. Fall crops in. Also Island in river, 15 acres, good house, small barn. Electricity in all. Two miles to village and railroad. Estimated three and one half million saw timber, about one-half Hemlock and White Pine, balance, Oak, Beech, Cherry and Maple. Large quantity mine timber and Pulpwood. One Enterprise No. 21 Sawmill complete, with 85 HP gasoline engine. One TD 35 International Tractor, Diesel, log sleds. One 2 ton International truck. Equipment in A1 condition. Price for all $35,000.00. Cash Only. Will not separate. Property will be shown in the order inquiries are received. Address B-95, American Lumberman.

FOR SALE
The timber on 442 acres of Little Wabash River timber land in Wayne County, Illinois, consisting of various hardwoods, particularly oak and hickory. Readily accessible to good hard road six miles from Railroad siding. Address B-100, American Lumberman.

MISCELLANEOUS — FOR SALE

CARPENTERS APRONS
Write for samples and prices.
THE MINNESOTA SPECIALTY CO., Inc.
Minneapolis, Minn.

STEEL WINDOWS
No priority required.
Large stock casements, pivoted, double hung, etc.
STEEL SASH SALES & SERVICE
Weehawken, N. J.

TOY MANUFACTURERS
Dowels—Moulding—Automatic Turnings Wood Wheels—Plastic & Rubber Wheels and NOW STEEL WHEELS & RUBBER TIRES. Get your orders in for 1945 production from the 8 wood mills and 1 plastic plant for whom I sell the output. L. R. McCORMICK, 3926 Byron Street, Chicago 18, Juniper 1584.

MISCELLANEOUS — FOR SALE

RUSTIC FENCING FOR SALE
Colonial and Stockade patterns prefabricated in 7 foot sections. For information write:
Fence Company of America
4239 West Madison Street
Chicago 24, Illinois

TRUCKS FOR SALE
1941 Dodge, 4-wheel drive command cars. From $550.00 up. Can be converted to pick-ups. Twenty of these units to choose from. 1941 Federal, 5 ton, 180 inch W.B. cab and chassis 10:00 x 20 tires. Air brakes. 1940 DR 70 International tractor with 5th wheel. Air brakes. 9:00 x 20 tires. 1939 G.M.C., 4-wheel cargo trucks.
DRAPER CHEVROLET COMPANY,
Saginaw, Michigan

For sale: About 15,000 northern Cedar turning stock Posts. Suitable for manufacture into Net Floats, Handles, Rustic Furniture, Fencing, Cabins. For Posts 7 feet long, unpeeled, as is woods run:
1½ to 2½ inch tops, 15c each.
2½ to 3½ inch tops, 21c each.
For close knotting add 2c extra, each. Prices FOB. Because of acute local manpower shortage prefer to ship via your trucker. Stock is available on M 66, near Charlevoix, Mich. Write John Loskot, Charlevoix, Michigan.

LUMBER & DIMENSION FOR SALE

FOR SALE
All species Southern Hardwoods all sizes and dimensions including timbers. Planing Mill and resawing facilities. Quick shipment.
SOUTHERN LUMBER SALES
Box 944
PINE BLUFF, ARKANSAS

WHITE PINE
I expect to have for sale during the year about 1,000,000 feet 5/4 and 6/4 dry white pine in No. 1 and 2 common. Will sell direct to War Industries on AA-1 rating. Jas. M. Simpkins, Indian Valley, Va.

5 cars 2" oak and gum S4S
5 cars 25/32"x¾" to 1¾"-36" to 20' Heavy 8/16'
#2 & Btr. Pine, oak and gum, mostly pine. Oak surveyor stakes.
E. J. GAIENNIE, Box 1074, Shreveport, La.

Offer 2 cars 4/4 to 7/4 K.D. Pine rippings and shorts mostly 7/4 by 2 inch and wider S2S $50.00 ton Central Wisconsin factory. Address C-22, American Lumberman.

BUSINESSES FOR SALE

FOR SALE
Saw Mill & Planing Mill Plant with 650 HP Boiler Plant—3 High Pressure units—1 stack. 1 Allis-Chalmers 8' Roller Bearing band mill complete; powered by Corliss 20x42". Planing Mill, powered Corliss 18x36". 77-A Planer & Matcher, Yates 111 Moulder, Berlin 42" Band Rip Saw. Heads, Grinders, Filing Room equipment, Kilns, Blower system, trucks, dollies. Consider selling as unit or almost any major items. All the above situated our Mobile Mill operation. Ingram-Day Lumber Co., Mobile, Ala.

FOR SALE: Complete Steam Saw Mill with Planer, Kiln, Band Resaw, Moulder, Rip Saw, Trucks and Tractor, storage and Loading shed, railroad switch. Location in Central Mississippi. For further particulars write C-23, American Lumberman.

FOR SALE
If you want a jam up planing mill in Central Georgia near plenty of timber consisting of New 6x24 BB Newman Planer with ball bearing fan and blow pipe, new 46" Mershon BB resaw with blowing equipment, 2 Diesel Motors, 2 Rubber tire tractors, land, buildings and office equipment, all in jam up shape, no apologies, write Paul Williams Company, Macon, Georgia, for list.

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